

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021924\
 Data File : VY017403.D
 Acq On : 19 Feb 2024 11:00
 Operator : SY/MD
 Sample : VSTDICC100
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC100

Quant Time: Feb 19 12:08:10 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y021924S.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 19 11:54:50 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 02/20/2024
 Supervised By :Semsettin Yesilyurt 02/20/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.807	168	164708	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.709	114	251825	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.508	117	222243	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	104002	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.161	65	136699	75.896	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 151.800%			
35) Dibromofluoromethane	7.734	113	155476	97.788	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 195.580%#			
50) Toluene-d8	10.197	98	613403	100.669	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 201.340%#			
62) 4-Bromofluorobenzene	12.495	95	190622	102.131	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 204.260%#			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.912	85	122400	90.732	ug/l	100
3) Chloromethane	2.119	50	217026	73.974	ug/l	99
4) Vinyl Chloride	2.259	62	299222	84.999	ug/l	99
5) Bromomethane	2.656	94	235188	92.893	ug/l	99
6) Chloroethane	2.802	64	197201	88.116	ug/l	97
7) Trichlorofluoromethane	3.137	101	282173	83.596	ug/l	98
8) Diethyl Ether	3.540	74	84464	85.763	ug/l	82
9) 1,1,2-Trichlorotrifluo...	3.911	101	172728	88.522	ug/l	95
10) Methyl Iodide	4.106	142	199028	103.121	ug/l	98
11) Tert butyl alcohol	4.972	59	46009	321.559	ug/l	100
12) 1,1-Dichloroethene	3.887	96	163488	90.534	ug/l	92
13) Acrolein	3.741	56	62729	343.060	ug/l	97
14) Allyl chloride	4.497	41	201145	72.061	ug/l #	95
15) Acrylonitrile	5.179	53	167651	387.947	ug/l	99
16) Acetone	3.960	43	148891	306.703	ug/l	94
17) Carbon Disulfide	4.210	76	474395	84.450	ug/l	100
18) Methyl Acetate	4.491	43	138544	97.710	ug/l	92
19) Methyl tert-butyl Ether	5.240	73	380909	87.889	ug/l	98
20) Methylene Chloride	4.734	84	173820	58.031	ug/l	89
21) trans-1,2-Dichloroethene	5.240	96	193006	91.775	ug/l	90
22) Diisopropyl ether	6.137	45	464426	75.364	ug/l #	94
23) Vinyl Acetate	6.082	43	913457m	278.529	ug/l	
24) 1,1-Dichloroethane	6.033	63	304385	81.281	ug/l	97
25) 2-Butanone	7.002	43	214087	338.198	ug/l #	87
26) 2,2-Dichloropropane	7.002	77	276723	86.912	ug/l	97
27) cis-1,2-Dichloroethene	7.002	96	218623	93.092	ug/l	91
28) Bromochloromethane	7.350	49	106730	67.025	ug/l #	75
29) Tetrahydrofuran	7.368	42	126384	356.558	ug/l #	84
30) Chloroform	7.527	83	322165	85.174	ug/l	97
31) Cyclohexane	7.801	56	271094	78.205	ug/l	89
32) 1,1,1-Trichloroethane	7.722	97	290842	89.222	ug/l	96
36) 1,1-Dichloropropene	7.935	75	260283	97.872	ug/l	96
37) Ethyl Acetate	7.094	43	87791	75.602	ug/l #	95
38) Carbon Tetrachloride	7.923	117	263234	104.033	ug/l	96
39) Methylcyclohexane	9.197	83	340880	109.112	ug/l	94
40) Benzene	8.179	78	766163	100.146	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021924\
 Data File : VY017403.D
 Acq On : 19 Feb 2024 11:00
 Operator : SY/MD
 Sample : VSTDICC100
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 02/20/2024
 Supervised By :Semsettin Yesilyurt 02/20/2024

Quant Time: Feb 19 12:08:10 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y021924S.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 19 11:54:50 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.332	41	52446m	96.006	ug/l	
42) 1,2-Dichloroethane	8.252	62	177843	89.250	ug/l	97
43) Isopropyl Acetate	8.289	43	170925	81.398	ug/l #	91
44) Trichloroethene	8.959	130	208093	107.596	ug/l	96
45) 1,2-Dichloropropane	9.234	63	176581	92.761	ug/l	98
46) Dibromomethane	9.319	93	98698	100.111	ug/l	91
47) Bromodichloromethane	9.514	83	244242	98.453	ug/l	99
48) Methyl methacrylate	9.307	41	99323	93.698	ug/l	90
49) 1,4-Dioxane	9.313	88	21129	2123.606	ug/l #	89
51) 4-Methyl-2-Pentanone	10.087	43	464022	410.792	ug/l	91
52) Toluene	10.258	92	492063	106.780	ug/l	100
53) t-1,3-Dichloropropene	10.477	75	234054	100.460	ug/l	97
54) cis-1,3-Dichloropropene	9.947	75	279849	98.601	ug/l #	91
55) 1,1,2-Trichloroethane	10.660	97	138085	103.241	ug/l	96
56) Ethyl methacrylate	10.526	69	125805	91.387	ug/l #	86
57) 1,3-Dichloropropane	10.807	76	225028	96.952	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.794	63	455688	506.948	ug/l	94
59) 2-Hexanone	10.843	43	329831	410.186	ug/l	89
60) Dibromochloromethane	11.002	129	168854	109.493	ug/l	100
61) 1,2-Dibromoethane	11.105	107	128050	103.985	ug/l	98
64) Tetrachloroethene	10.733	164	184822	111.987	ug/l	95
65) Chlorobenzene	11.532	112	504117	104.532	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.605	131	193933	110.074	ug/l	99
67) Ethyl Benzene	11.605	91	963447	108.162	ug/l	96
68) m/p-Xylenes	11.715	106	737607	220.959	ug/l	96
69) o-Xylene	12.044	106	341228	111.356	ug/l	94
70) Styrene	12.056	104	499667	106.315	ug/l	98
71) Bromoform	12.221	173	99228	116.488	ug/l #	99
73) Isopropylbenzene	12.343	105	917384	105.250	ug/l	98
74) N-amyl acetate	12.154	43	144538	77.638	ug/l #	90
75) 1,1,2,2-Tetrachloroethane	12.593	83	150571	91.765	ug/l	100
76) 1,2,3-Trichloropropane	12.648	75	85660m	85.939	ug/l	
77) Bromobenzene	12.623	156	202569	108.240	ug/l	85
78) n-propylbenzene	12.684	91	1072171	98.998	ug/l	96
79) 2-Chlorotoluene	12.770	91	572477	95.581	ug/l	95
80) 1,3,5-Trimethylbenzene	12.824	105	729990	104.944	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.392	75	47130	95.794	ug/l	90
82) 4-Chlorotoluene	12.867	91	596941	97.765	ug/l	98
83) tert-Butylbenzene	13.087	119	640223	107.233	ug/l	94
84) 1,2,4-Trimethylbenzene	13.129	105	721121	105.313	ug/l	99
85) sec-Butylbenzene	13.263	105	926936	101.594	ug/l	98
86) p-Isopropyltoluene	13.379	119	815333	109.379	ug/l	98
87) 1,3-Dichlorobenzene	13.379	146	405765	108.575	ug/l	99
88) 1,4-Dichlorobenzene	13.458	146	377043	103.148	ug/l	98
89) n-Butylbenzene	13.708	91	729040	102.412	ug/l	97
90) Hexachloroethane	13.971	117	150579	98.267	ug/l	82
91) 1,2-Dichlorobenzene	13.751	146	329878	104.994	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.367	75	17760	87.145	ug/l	79
93) 1,2,4-Trichlorobenzene	15.019	180	175401	116.009	ug/l	98
94) Hexachlorobutadiene	15.123	225	101068	115.980	ug/l	97
95) Naphthalene	15.245	128	302518	111.785	ug/l	100
96) 1,2,3-Trichlorobenzene	15.434	180	140787	111.619	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021924\
Data File : VY017403.D
Acq On : 19 Feb 2024 11:00
Operator : SY/MD
Sample : VSTDICC100
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 02/20/2024
Supervised By :Semsettin Yesilyurt 02/20/2024

Quant Time: Feb 19 12:08:10 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y021924S.M
Quant Title : SW846 8260
QLast Update : Mon Feb 19 11:54:50 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021924\
Data File : VY017403.D
Acq On : 19 Feb 2024 11:00
Operator : SY/MD
Sample : VSTDICC100
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 02/20/2024
Supervised By :Semsettin Yesilyurt 02/20/2024

Quant Time: Feb 19 12:08:10 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y021924S.M
Quant Title : SW846 8260
QLast Update : Mon Feb 19 11:54:50 2024
Response via : Initial Calibration

