

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021924\
 Data File : VY017401.D
 Acq On : 19 Feb 2024 10:14
 Operator : SY/MD
 Sample : VSTDICC020
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC020

Quant Time: Feb 19 12:04:43 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	7.795	168	160234	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	256526	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	221059	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	100531	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	28234	16.113	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	32.220%#		
35) Dibromofluoromethane	7.728	113	31334	19.347	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	38.700%#		
50) Toluene-d8	10.191	98	115126	18.548	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	37.100%#		
62) 4-Bromofluorobenzene	12.495	95	35441	18.640	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	37.280%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	19395	14.778	ug/l	99
3) Chloromethane	2.113	50	37254	13.053	ug/l	98
4) Vinyl Chloride	2.253	62	51007	14.894	ug/l	98
5) Bromomethane	2.650	94	41136	16.701	ug/l	94
6) Chloroethane	2.796	64	35321	16.223	ug/l	95
7) Trichlorofluoromethane	3.131	101	53140	16.183	ug/l	100
8) Diethyl Ether	3.534	74	16141	16.847	ug/l	82
9) 1,1,2-Trichlorotrifluo...	3.905	101	32258	16.994	ug/l	95
10) Methyl Iodide	4.101	142	32289	17.197	ug/l	98
11) Tert butyl alcohol	4.960	59	10963	78.760	ug/l #	87
12) 1,1-Dichloroethene	3.881	96	29336	16.699	ug/l	93
13) Acrolein	3.729	56	16197	91.053	ug/l	97
14) Allyl chloride	4.491	41	36910	13.592	ug/l	95
15) Acrylonitrile	5.174	53	33696	80.150	ug/l	99
16) Acetone	3.954	43	39555	83.755	ug/l	98
17) Carbon Disulfide	4.204	76	81669	14.944	ug/l	98
18) Methyl Acetate	4.491	43	12927	9.371	ug/l #	86
19) Methyl tert-butyl Ether	5.228	73	69828	16.562	ug/l	94
20) Methylene Chloride	4.722	84	39805	13.660	ug/l	86
21) trans-1,2-Dichloroethene	5.228	96	33963	16.600	ug/l	91
22) Diisopropyl ether	6.125	45	86709	14.464	ug/l	97
23) Vinyl Acetate	6.070	43	225174m	70.577	ug/l	
24) 1,1-Dichloroethane	6.027	63	57631	15.819	ug/l	97
25) 2-Butanone	6.996	43	48540	78.821	ug/l	91
26) 2,2-Dichloropropane	6.990	77	48828	15.764	ug/l	96
27) cis-1,2-Dichloroethene	6.996	96	38973	17.058	ug/l	92
28) Bromochloromethane	7.344	49	21864	14.114	ug/l #	79
29) Tetrahydrofuran	7.356	42	24808	71.943	ug/l	89
30) Chloroform	7.515	83	61676	16.761	ug/l	97
31) Cyclohexane	7.795	56	48047	14.248	ug/l #	82
32) 1,1,1-Trichloroethane	7.710	97	52231	16.470	ug/l	98
36) 1,1-Dichloropropene	7.929	75	46719	17.245	ug/l	97
37) Ethyl Acetate	7.082	43	18728	15.832	ug/l	97
38) Carbon Tetrachloride	7.911	117	46233	17.937	ug/l	98
39) Methylcyclohexane	9.191	83	54057	16.986	ug/l	96
40) Benzene	8.173	78	135547	17.393	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021924\
 Data File : VY017401.D
 Acq On : 19 Feb 2024 10:14
 Operator : SY/MD
 Sample : VSTDICC020
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC020

Manual Integrations
 APPROVED

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

Quant Time: Feb 19 12:04:43 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	7.313	41	7830m	14.071	ug/l	
42) 1,2-Dichloroethane	8.240	62	34700	17.095	ug/l	96
43) Isopropyl Acetate	8.283	43	32579	15.230	ug/l	95
44) Trichloroethene	8.947	130	37272	18.919	ug/l	96
45) 1,2-Dichloropropane	9.222	63	32562	16.792	ug/l	96
46) Dibromomethane	9.313	93	18319	18.241	ug/l	91
47) Bromodichloromethane	9.508	83	45931	18.175	ug/l	98
48) Methyl methacrylate	9.301	41	14996	13.887	ug/l #	87
49) 1,4-Dioxane	9.313	88	3733	368.316	ug/l	94
51) 4-Methyl-2-Pentanone	10.081	43	91452	79.477	ug/l	94
52) Toluene	10.252	92	84587	18.019	ug/l	100
53) t-1,3-Dichloropropene	10.477	75	41463	17.470	ug/l	99
54) cis-1,3-Dichloropropene	9.935	75	50069	17.318	ug/l	92
55) 1,1,2-Trichloroethane	10.654	97	25985	19.072	ug/l	96
56) Ethyl methacrylate	10.520	69	28376	20.235	ug/l	88
57) 1,3-Dichloropropane	10.801	76	41714	17.643	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.789	63	80798	88.240	ug/l	96
59) 2-Hexanone	10.843	43	69859	85.286	ug/l	92
60) Dibromochloromethane	10.996	129	30401	19.352	ug/l	99
61) 1,2-Dibromoethane	11.099	107	23326	18.595	ug/l	96
64) Tetrachloroethene	10.727	164	33233	20.244	ug/l	93
65) Chlorobenzene	11.526	112	89226	18.601	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.599	131	32881	18.763	ug/l	100
67) Ethyl Benzene	11.599	91	158452	17.884	ug/l	100
68) m/p-Xylenes	11.715	106	124083	37.370	ug/l	94
69) o-Xylene	12.038	106	56306	18.473	ug/l	96
70) Styrene	12.056	104	92479	19.782	ug/l	97
71) Bromoform	12.215	173	17855	21.073	ug/l #	100
73) Isopropylbenzene	12.343	105	149645	17.761	ug/l	98
74) N-amyl acetate	12.154	43	26955	14.979	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.593	83	28180	17.767	ug/l	98
76) 1,2,3-Trichloropropane	12.642	75	18820m	19.533	ug/l	
77) Bromobenzene	12.617	156	34600	19.126	ug/l	85
78) n-propylbenzene	12.684	91	181666	17.353	ug/l	97
79) 2-Chlorotoluene	12.770	91	99655	17.213	ug/l	96
80) 1,3,5-Trimethylbenzene	12.825	105	118828	17.673	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.386	75	8214	17.272	ug/l	94
82) 4-Chlorotoluene	12.867	91	102413	17.352	ug/l	98
83) tert-Butylbenzene	13.087	119	105947	18.358	ug/l	94
84) 1,2,4-Trimethylbenzene	13.129	105	118187	17.856	ug/l	99
85) sec-Butylbenzene	13.264	105	159808	18.120	ug/l	99
86) p-Isopropyltoluene	13.379	119	127493	17.694	ug/l	98
87) 1,3-Dichlorobenzene	13.379	146	69016	19.105	ug/l	97
88) 1,4-Dichlorobenzene	13.459	146	67845	19.201	ug/l	99
89) n-Butylbenzene	13.709	91	117635	17.095	ug/l	99
90) Hexachloroethane	13.971	117	26090	17.614	ug/l	84
91) 1,2-Dichlorobenzene	13.751	146	58264	19.185	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.367	75	3305	16.777	ug/l	75
93) 1,2,4-Trichlorobenzene	15.019	180	29860	20.431	ug/l	99
94) Hexachlorobutadiene	15.123	225	18646	22.136	ug/l	96
95) Naphthalene	15.251	128	47221	18.051	ug/l	99
96) 1,2,3-Trichlorobenzene	15.434	180	24920	20.439	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021924\
Data File : VY017401.D
Acq On : 19 Feb 2024 10:14
Operator : SY/MD
Sample : VSTDICC020
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Manual Integrations
APPROVED

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

Quant Time: Feb 19 12:04:43 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 : VY017401.D
Acq On : 19 Feb 2024 10:14
Operator : SY/MD
Sample : VSTDIC020
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Quant Time: Feb 19 12:04:43 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

