

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021424\
 Data File : VY017374.D
 Acq On : 14 Feb 2024 11:03
 Operator : SY/MD
 Sample : VSTDICC010
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC010

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 02/15/2024
 Supervised By :Semsettin Yesilyurt 02/15/2024

Quant Time: Feb 15 02:17:39 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y021424S.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 15 01:05:41 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	114260	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	197032	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	166391	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	70751	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	10855	8.953	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	17.900%#		
35) Dibromofluoromethane	7.728	113	10939	8.708	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	17.420%#		
50) Toluene-d8	10.197	98	42433	8.718	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	17.440%#		
62) 4-Bromofluorobenzene	12.495	95	13076	8.763	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	17.520%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	9716	9.984	ug/l	88
3) Chloromethane	2.119	50	18689	10.150	ug/l	98
4) Vinyl Chloride	2.260	62	22451	10.218	ug/l	95
5) Bromomethane	2.656	94	15124	9.697	ug/l	98
6) Chloroethane	2.802	64	14558	10.398	ug/l	100
7) Trichlorofluoromethane	3.131	101	22992	10.415	ug/l	98
8) Diethyl Ether	3.534	74	6700	10.511	ug/l	90
9) 1,1,2-Trichlorotrifluo...	3.912	101	13814	10.401	ug/l	96
10) Methyl Iodide	4.101	142	13689	10.486	ug/l	96
11) Tert butyl alcohol	4.960	59	4623	39.288	ug/l #	86
12) 1,1-Dichloroethene	3.881	96	12945	10.567	ug/l	99
13) Acrolein	3.741	56	7603	58.028	ug/l	99
14) Allyl chloride	4.491	41	18862	10.413	ug/l	96
15) Acrylonitrile	5.168	53	15066	54.943	ug/l	98
16) Acetone	3.954	43	18771	51.474	ug/l	100
17) Carbon Disulfide	4.204	76	41666	10.663	ug/l	99
18) Methyl Acetate	4.491	43	6652	10.083	ug/l	94
19) Methyl tert-butyl Ether	5.241	73	28023	10.291	ug/l	100
20) Methylene Chloride	4.729	84	17284	8.048	ug/l	97
21) trans-1,2-Dichloroethene	5.235	96	14539	10.389	ug/l	95
22) Diisopropyl ether	6.137	45	40750	10.498	ug/l	96
23) Vinyl Acetate	6.076	43	118248	50.249	ug/l	99
24) 1,1-Dichloroethane	6.033	63	25980	10.727	ug/l	98
25) 2-Butanone	7.003	43	22083	55.689	ug/l	98
26) 2,2-Dichloropropane	6.996	77	21700	10.461	ug/l	100
27) cis-1,2-Dichloroethene	6.996	96	15495	10.284	ug/l	96
28) Bromochloromethane	7.344	49	10121	7.227	ug/l	99
29) Tetrahydrofuran	7.362	42	11685	53.137	ug/l	98
30) Chloroform	7.521	83	25741	10.659	ug/l	98
31) Cyclohexane	7.801	56	24018	10.406	ug/l #	94
32) 1,1,1-Trichloroethane	7.716	97	22452	10.478	ug/l	99
36) 1,1-Dichloropropene	7.929	75	20688	10.058	ug/l	99
37) Ethyl Acetate	7.088	43	9101	10.884	ug/l	97
38) Carbon Tetrachloride	7.911	117	20033	10.150	ug/l	97
39) Methylcyclohexane	9.197	83	23571	9.571	ug/l	98
40) Benzene	8.173	78	59095	10.255	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021424\
 Data File : VY017374.D
 Acq On : 14 Feb 2024 11:03
 Operator : SY/MD
 Sample : VSTDICC010
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC010

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 02/15/2024
 Supervised By :Semsettin Yesilyurt 02/15/2024

Quant Time: Feb 15 02:17:39 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y021424S.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 15 01:05:41 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.332	41	4771	11.194	ug/l	94
42) 1,2-Dichloroethane	8.252	62	15413	10.509	ug/l	99
43) Isopropyl Acetate	8.283	43	15424	10.297	ug/l	98
44) Trichloroethene	8.953	130	15473	10.391	ug/l	92
45) 1,2-Dichloropropane	9.234	63	14178	10.223	ug/l	98
46) Dibromomethane	9.319	93	7329	10.184	ug/l	98
47) Bromodichloromethane	9.508	83	19198	10.372	ug/l	95
48) Methyl methacrylate	9.307	41	7116	9.011	ug/l	98
49) 1,4-Dioxane	9.319	88	1481	199.718	ug/l	94
51) 4-Methyl-2-Pentanone	10.081	43	41566	51.073	ug/l	99
52) Toluene	10.258	92	35563	10.155	ug/l	99
53) t-1,3-Dichloropropene	10.478	75	17260	10.065	ug/l	99
54) cis-1,3-Dichloropropene	9.941	75	21165	10.083	ug/l	98
55) 1,1,2-Trichloroethane	10.654	97	10199	10.334	ug/l	93
56) Ethyl methacrylate	10.520	69	11241	11.174	ug/l	98
57) 1,3-Dichloropropane	10.801	76	17481	10.284	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.795	63	30014	46.519	ug/l	98
59) 2-Hexanone	10.843	43	31333	53.574	ug/l	98
60) Dibromochloromethane	10.996	129	11720	10.225	ug/l	96
61) 1,2-Dibromoethane	11.099	107	9291	10.265	ug/l	98
64) Tetrachloroethene	10.734	164	13294	10.806	ug/l	96
65) Chlorobenzene	11.526	112	36930	10.469	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.599	131	13012	10.255	ug/l	98
67) Ethyl Benzene	11.605	91	63240	9.733	ug/l	99
68) m/p-Xylenes	11.715	106	49300	20.123	ug/l	99
69) o-Xylene	12.044	106	21725	9.802	ug/l	99
70) Styrene	12.057	104	35771	10.520	ug/l	100
71) Bromoform	12.221	173	6228	10.124	ug/l #	96
73) Isopropylbenzene	12.343	105	58556	9.931	ug/l	100
74) N-amyl acetate	12.154	43	11567	9.922	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.593	83	11649	11.024	ug/l	93
76) 1,2,3-Trichloropropane	12.642	75	8116m	11.119	ug/l	
77) Bromobenzene	12.624	156	12434	10.014	ug/l	97
78) n-propylbenzene	12.684	91	72705	10.016	ug/l	99
79) 2-Chlorotoluene	12.770	91	40794	10.299	ug/l	100
80) 1,3,5-Trimethylbenzene	12.825	105	45860	9.897	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.392	75	3149	9.861	ug/l	98
82) 4-Chlorotoluene	12.867	91	42173	10.342	ug/l	100
83) tert-Butylbenzene	13.087	119	40466	10.000	ug/l	98
84) 1,2,4-Trimethylbenzene	13.130	105	44899	9.816	ug/l	98
85) sec-Butylbenzene	13.264	105	62528	10.126	ug/l	100
86) p-Isopropyltoluene	13.379	119	48057	9.618	ug/l	99
87) 1,3-Dichlorobenzene	13.379	146	25796	10.265	ug/l	97
88) 1,4-Dichlorobenzene	13.459	146	25807	10.557	ug/l	99
89) n-Butylbenzene	13.709	91	46315	9.543	ug/l	99
90) Hexachloroethane	13.971	117	10418	10.059	ug/l	98
91) 1,2-Dichlorobenzene	13.751	146	21611	10.435	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.367	75	1369	10.432	ug/l	95
93) 1,2,4-Trichlorobenzene	15.019	180	9445	9.141	ug/l	98
94) Hexachlorobutadiene	15.123	225	6214	9.744	ug/l	95
95) Naphthalene	15.251	128	15642	8.699	ug/l	99
96) 1,2,3-Trichlorobenzene	15.440	180	7928	9.145	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021424\
Data File : VY017374.D
Acq On : 14 Feb 2024 11:03
Operator : SY/MD
Sample : VSTDICC010
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 02/15/2024
Supervised By :Semsettin Yesilyurt 02/15/2024

Quant Time: Feb 15 02:17:39 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y021424S.M
Quant Title : SW846 8260
QLast Update : Thu Feb 15 01:05:41 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\VY021424\
 Data File : VY017374.D
 Acq On : 14 Feb 2024 11:03
 Operator : SY/MD
 Sample : VSTDIC010
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

Manual Integrations APPROVED

Reviewed By : Mahesh Dadoda 02/15/2024
 Supervised By : Semsettin Yesilyurt 02/15/2024

Quant Time: Feb 15 02:17:39 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y021424S.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 15 01:05:41 2024
 Response via : Initial Calibration

