

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071024\
 Data File : VY018771.D
 Acq On : 10 Jul 2024 17:01
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 07/11/2024
 Supervised By :Semsettin Yesilyurt 07/11/2024

Quant Time: Jul 11 02:26:22 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y070924S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 09 14:28:51 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.777	168	111328	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	179087	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	159658	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	78785	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	58227	53.152	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 106.300%			
35) Dibromofluoromethane	7.704	113	58502	52.157	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 104.320%			
50) Toluene-d8	10.173	98	210556	49.548	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 99.100%			
62) 4-Bromofluorobenzene	12.477	95	71920	49.558	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 99.120%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.894	85	43145	46.251	ug/l	94
3) Chloromethane	2.101	50	66834	47.146	ug/l	98
4) Vinyl Chloride	2.241	62	78888	47.572	ug/l	98
5) Bromomethane	2.637	94	52258	45.814	ug/l	97
6) Chloroethane	2.778	64	50539	46.910	ug/l	99
7) Trichlorofluoromethane	3.107	101	100449	46.355	ug/l	100
8) Diethyl Ether	3.515	74	26447	50.074	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.875	101	52862	47.546	ug/l	96
10) Methyl Iodide	4.076	142	59654	49.826	ug/l	91
11) Tert butyl alcohol	4.936	59	18823	169.616	ug/l #	93
12) 1,1-Dichloroethene	3.851	96	50342	46.805	ug/l	91
13) Acrolein	3.716	56	17929	201.652	ug/l	97
14) Allyl chloride	4.460	41	65577	49.214	ug/l	90
15) Acrylonitrile	5.137	53	53717	257.813	ug/l	97
16) Acetone	3.930	43	40168	198.884	ug/l #	84
17) Carbon Disulfide	4.174	76	140385	46.613	ug/l	98
18) Methyl Acetate	4.454	43	36834	62.767	ug/l	98
19) Methyl tert-butyl Ether	5.210	73	126934	50.874	ug/l	95
20) Methylene Chloride	4.692	84	58698	51.464	ug/l	99
21) trans-1,2-Dichloroethene	5.198	96	54774	48.251	ug/l	97
22) Diisopropyl ether	6.106	45	141727	48.897	ug/l	94
23) Vinyl Acetate	6.045	43	543968	238.215	ug/l	96
24) 1,1-Dichloroethane	5.997	63	90904	49.121	ug/l	99
25) 2-Butanone	6.966	43	66553	235.085	ug/l	97
26) 2,2-Dichloropropane	6.966	77	67700	39.427	ug/l	99
27) cis-1,2-Dichloroethene	6.966	96	64627	48.899	ug/l	100
28) Bromochloromethane	7.326	49	38119	51.284	ug/l	97
29) Tetrahydrofuran	7.332	42	46068	265.432	ug/l	94
30) Chloroform	7.496	83	103431	50.148	ug/l	98
31) Cyclohexane	7.771	56	74346	44.174	ug/l	97
32) 1,1,1-Trichloroethane	7.691	97	91002	47.448	ug/l	97
36) 1,1-Dichloropropene	7.905	75	69807	45.097	ug/l	99
37) Ethyl Acetate	7.057	43	30804	47.876	ug/l	97
38) Carbon Tetrachloride	7.886	117	83119	44.583	ug/l	95
39) Methylcyclohexane	9.173	83	90026	45.383	ug/l	95
40) Benzene	8.149	78	213138	47.465	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071024\
 Data File : VY018771.D
 Acq On : 10 Jul 2024 17:01
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 07/11/2024
 Supervised By :Semsettin Yesilyurt 07/11/2024

Quant Time: Jul 11 02:26:22 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y070924S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 09 14:28:51 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.301	41	16093	43.871	ug/l	94
42) 1,2-Dichloroethane	8.228	62	61203	48.681	ug/l	97
43) Isopropyl Acetate	8.264	43	61932	48.374	ug/l #	79
44) Trichloroethene	8.929	130	59741	46.543	ug/l	97
45) 1,2-Dichloropropane	9.209	63	47460	48.536	ug/l	90
46) Dibromomethane	9.295	93	31724	50.052	ug/l	99
47) Bromodichloromethane	9.490	83	75792	47.867	ug/l	94
48) Methyl methacrylate	9.289	41	29134	50.065	ug/l	88
49) 1,4-Dioxane	9.295	88	7008	943.232	ug/l #	93
51) 4-Methyl-2-Pentanone	10.063	43	164493	251.651	ug/l	92
52) Toluene	10.240	92	138315	46.344	ug/l	97
53) t-1,3-Dichloropropene	10.459	75	65566	47.960	ug/l	99
54) cis-1,3-Dichloropropene	9.923	75	75981	47.375	ug/l #	92
55) 1,1,2-Trichloroethane	10.642	97	40651	50.648	ug/l	94
56) Ethyl methacrylate	10.502	69	52079	49.285	ug/l #	84
57) 1,3-Dichloropropane	10.782	76	67005	50.361	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.776	63	130785	259.064	ug/l	94
59) 2-Hexanone	10.825	43	111499	243.823	ug/l	91
60) Dibromochloromethane	10.977	129	54001	48.968	ug/l	99
61) 1,2-Dibromoethane	11.087	107	38609	49.481	ug/l	98
64) Tetrachloroethene	10.715	164	61782	47.807	ug/l	98
65) Chlorobenzene	11.514	112	156888	46.582	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.587	131	54597	47.050	ug/l	96
67) Ethyl Benzene	11.587	91	266736	45.208	ug/l	96
68) m/p-Xylenes	11.697	106	208651	90.117	ug/l	98
69) o-Xylene	12.026	106	101820	46.776	ug/l	99
70) Styrene	12.038	104	168628	46.428	ug/l	97
71) Bromoform	12.203	173	31037	49.069	ug/l #	99
73) Isopropylbenzene	12.325	105	257381	44.638	ug/l	98
74) N-amyl acetate	12.142	43	54631	46.329	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.581	83	43463	47.815	ug/l	97
76) 1,2,3-Trichloropropane	12.630	75	30179m	48.908	ug/l	
77) Bromobenzene	12.605	156	63842	46.379	ug/l	94
78) n-propylbenzene	12.666	91	302456	44.172	ug/l	97
79) 2-Chlorotoluene	12.751	91	173682	45.110	ug/l	98
80) 1,3,5-Trimethylbenzene	12.806	105	211581	44.847	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.373	75	12358	44.822	ug/l #	85
82) 4-Chlorotoluene	12.849	91	174283	43.960	ug/l	96
83) tert-Butylbenzene	13.075	119	195804	44.954	ug/l	97
84) 1,2,4-Trimethylbenzene	13.117	105	211342	45.080	ug/l	100
85) sec-Butylbenzene	13.251	105	273700	44.270	ug/l	97
86) p-Isopropyltoluene	13.367	119	234677	43.969	ug/l	96
87) 1,3-Dichlorobenzene	13.361	146	121678	45.007	ug/l	99
88) 1,4-Dichlorobenzene	13.440	146	120165	44.845	ug/l	98
89) n-Butylbenzene	13.696	91	208977	43.188	ug/l	99
90) Hexachloroethane	13.959	117	44137	44.466	ug/l	99
91) 1,2-Dichlorobenzene	13.739	146	106569	45.633	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	7134	48.435	ug/l	92
93) 1,2,4-Trichlorobenzene	15.007	180	63111	44.270	ug/l	98
94) Hexachlorobutadiene	15.111	225	34572	42.073	ug/l	98
95) Naphthalene	15.233	128	120108	49.111	ug/l	100
96) 1,2,3-Trichlorobenzene	15.422	180	56427	46.260	ug/l	95

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071024\
Data File : VY018771.D
Acq On : 10 Jul 2024 17:01
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 07/11/2024
Supervised By :Semsettin Yesilyurt 07/11/2024

Quant Time: Jul 11 02:26:22 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y070924S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 09 14:28:51 2024
Response via : Initial Calibration

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

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

