

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012524\
 Data File : VD078251.D
 Acq On : 25 Jan 2024 17:18
 Operator : RP/MD
 Sample : VSTDCCC050
 Misc : 5.04G/5.0ml/MSVOA_D/SOIL/A
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 01/29/2024
 Supervised By :Semsettin Yesilyurt 01/29/2024

Quant Time: Jan 26 14:41:45 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D012224S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 23 05:43:07 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	112800	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.781	114	215584	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	205841	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	98413	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	62145	48.260	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	96.520%		
35) Dibromofluoromethane	7.810	113	63245	44.575	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	89.160%		
50) Toluene-d8	10.269	98	243808	43.397	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	86.800%		
62) 4-Bromofluorobenzene	12.569	95	71417	43.834	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	87.660%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.934	85	47975	42.759	ug/l	98
3) Chloromethane	2.152	50	100105	55.198	ug/l	99
4) Vinyl Chloride	2.287	62	121096	45.272	ug/l	100
5) Bromomethane	2.693	94	86033	44.073	ug/l	98
6) Chloroethane	2.840	64	92609	49.565	ug/l	95
7) Trichlorofluoromethane	3.175	101	108364	44.539	ug/l	99
8) Diethyl Ether	3.599	74	37465	55.548	ug/l	81
9) 1,1,2-Trichlorotrifluo...	3.975	101	65788	46.686	ug/l	94
10) Methyl Iodide	4.169	142	70223	49.713	ug/l #	87
11) Tert butyl alcohol	5.052	59	19214	303.082	ug/l #	90
12) 1,1-Dichloroethene	3.946	96	64559	46.248	ug/l #	78
13) Acrolein	3.805	56	37062	254.666	ug/l	99
14) Allyl chloride	4.564	41	95397	51.809	ug/l	90
15) Acrylonitrile	5.258	53	88266	291.641	ug/l	98
16) Acetone	4.022	43	73183	231.736	ug/l	90
17) Carbon Disulfide	4.275	76	209120	46.199	ug/l	97
18) Methyl Acetate	4.569	43	70661	63.780	ug/l #	87
19) Methyl tert-butyl Ether	5.316	73	164275	56.433	ug/l	98
20) Methylene Chloride	4.805	84	86985	56.238	ug/l #	78
21) trans-1,2-Dichloroethene	5.322	96	80290	49.775	ug/l	96
22) Diisopropyl ether	6.222	45	232528	59.679	ug/l #	94
23) Vinyl Acetate	6.158	43	544446	283.618	ug/l #	90
24) 1,1-Dichloroethane	6.110	63	144817	53.790	ug/l	97
25) 2-Butanone	7.087	43	107375	265.266	ug/l #	83
26) 2,2-Dichloropropane	7.075	77	105750	46.889	ug/l	94
27) cis-1,2-Dichloroethene	7.081	96	93727	54.091	ug/l	91
28) Bromochloromethane	7.422	49	60531	57.645	ug/l #	74
29) Tetrahydrofuran	7.452	42	66261	311.901	ug/l #	85
30) Chloroform	7.599	83	155679	56.858	ug/l	98
31) Cyclohexane	7.881	56	107589	45.188	ug/l	88
32) 1,1,1-Trichloroethane	7.793	97	118433	50.073	ug/l	98
36) 1,1-Dichloropropene	8.010	75	105764	45.330	ug/l	95
37) Ethyl Acetate	7.175	43	45292	52.144	ug/l	96
38) Carbon Tetrachloride	7.993	117	101510	44.052	ug/l	97
39) Methylcyclohexane	9.275	83	119191	43.196	ug/l	93
40) Benzene	8.252	78	343567	51.889	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012524\
 Data File : VD078251.D
 Acq On : 25 Jan 2024 17:18
 Operator : RP/MD
 Sample : VSTDCCC050
 Misc : 5.04G/5.0ml/MSVOA_D/SOIL/A
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 01/29/2024
 Supervised By :Semsettin Yesilyurt 01/29/2024

Quant Time: Jan 26 14:41:45 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D012224S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 23 05:43:07 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.405	41	29177	61.175	ug/l #	31
42) 1,2-Dichloroethane	8.328	62	90604	52.593	ug/l	97
43) Isopropyl Acetate	8.363	43	88079	55.349	ug/l #	90
44) Trichloroethene	9.028	130	80901	47.760	ug/l	94
45) 1,2-Dichloropropane	9.304	63	88595	53.923	ug/l	97
46) Dibromomethane	9.399	93	47757	52.929	ug/l #	86
47) Bromodichloromethane	9.587	83	118591	52.323	ug/l	96
48) Methyl methacrylate	9.381	41	47583	51.647	ug/l	83
49) 1,4-Dioxane	9.381	88	9467	1084.355	ug/l #	70
51) 4-Methyl-2-Pentanone	10.157	43	238453	285.156	ug/l	88
52) Toluene	10.334	92	213728	50.925	ug/l	97
53) t-1,3-Dichloropropene	10.551	75	110714	52.948	ug/l	99
54) cis-1,3-Dichloropropene	10.016	75	130651	52.121	ug/l #	85
55) 1,1,2-Trichloroethane	10.734	97	66641	55.197	ug/l	94
56) Ethyl methacrylate	10.598	69	54951	55.600	ug/l #	78
57) 1,3-Dichloropropane	10.881	76	112868	54.664	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	188194	317.749	ug/l	92
59) 2-Hexanone	10.922	43	168539	248.024	ug/l	85
60) Dibromochloromethane	11.075	129	75898	53.320	ug/l	95
61) 1,2-Dibromoethane	11.175	107	60775	54.609	ug/l	95
64) Tetrachloroethene	10.810	164	59929	44.527	ug/l	85
65) Chlorobenzene	11.604	112	219066	48.176	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.681	131	81431	50.112	ug/l	96
67) Ethyl Benzene	11.681	91	401294	48.496	ug/l	95
68) m/p-Xylenes	11.793	106	313199	99.103	ug/l	90
69) o-Xylene	12.116	106	144298	50.311	ug/l	91
70) Styrene	12.134	104	224806	52.307	ug/l	94
71) Bromoform	12.298	173	42571	52.902	ug/l #	97
73) Isopropylbenzene	12.422	105	374032	48.337	ug/l	95
74) N-amyl acetate	12.234	43	79776	53.887	ug/l	91
75) 1,1,2,2-Tetrachloroethane	12.669	83	75432	52.389	ug/l	98
76) 1,2,3-Trichloropropane	12.722	75	57409m	60.821	ug/l	
77) Bromobenzene	12.698	156	82645	48.714	ug/l	81
78) n-propylbenzene	12.763	91	457150	47.634	ug/l	94
79) 2-Chlorotoluene	12.845	91	248212	48.465	ug/l	94
80) 1,3,5-Trimethylbenzene	12.904	105	315827	49.224	ug/l	94
81) trans-1,4-Dichloro-2-b...	12.463	75	22352	51.008	ug/l	89
82) 4-Chlorotoluene	12.945	91	267407	49.532	ug/l	94
83) tert-Butylbenzene	13.169	119	247358	46.118	ug/l	93
84) 1,2,4-Trimethylbenzene	13.210	105	320696	49.422	ug/l	95
85) sec-Butylbenzene	13.345	105	378337	46.585	ug/l	94
86) p-Isopropyltoluene	13.457	119	336251	47.577	ug/l	95
87) 1,3-Dichlorobenzene	13.457	146	173491	49.391	ug/l	98
88) 1,4-Dichlorobenzene	13.540	146	169624	48.880	ug/l	97
89) n-Butylbenzene	13.787	91	318270	46.260	ug/l	97
90) Hexachloroethane	14.051	117	66414	47.905	ug/l	80
91) 1,2-Dichlorobenzene	13.828	146	149142	50.493	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.445	75	10632	51.671	ug/l	89
93) 1,2,4-Trichlorobenzene	15.098	180	84562	46.315	ug/l	97
94) Hexachlorobutadiene	15.198	225	36590	41.472	ug/l	95
95) Naphthalene	15.328	128	183242	53.679	ug/l	98
96) 1,2,3-Trichlorobenzene	15.516	180	76327	49.827	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012524\
Data File : VD078251.D
Acq On : 25 Jan 2024 17:18
Operator : RP/MD
Sample : VSTDCCC050
Misc : 5.04G/5.0ml/MSVOA_D/SOIL/A
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 01/29/2024
Supervised By :Semsettin Yesilyurt 01/29/2024

Quant Time: Jan 26 14:41:45 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D012224S.M
Quant Title : SW846 8260
QLast Update : Tue Jan 23 05:43:07 2024
Response via : Initial Calibration

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

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

