

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD011524\
 Data File : VD078154.D
 Acq On : 15 Jan 2024 09:19
 Operator : RP/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Mahesh
 Dadoda

01/16/2024

Supervised By :Semsettin
 Yesilyurt

01/16/2024

Quant Time: Jan 16 00:31:15 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D010824S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 09 01:29:14 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	105216	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	176354	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	158214	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	78956	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.234	65	56467	50.977	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 101.960%	
35) Dibromofluoromethane	7.816	113	61538	48.418	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 96.840%	
50) Toluene-d8	10.275	98	217888	51.118	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 102.240%	
62) 4-Bromofluorobenzene	12.581	95	69325	46.721	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 93.440%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.934	85	40260	46.396	ug/l	97
3) Chloromethane	2.152	50	63776	47.669	ug/l	98
4) Vinyl Chloride	2.293	62	91211	48.480	ug/l	99
5) Bromomethane	2.699	94	65192	45.134	ug/l	99
6) Chloroethane	2.846	64	72494	51.893	ug/l	96
7) Trichlorofluoromethane	3.187	101	100803	48.758	ug/l	97
8) Diethyl Ether	3.599	74	26463	48.815	ug/l	82
9) 1,1,2-Trichlorotrifluo...	3.975	101	61307	49.889	ug/l	96
10) Methyl Iodide	4.175	142	58011	49.587	ug/l #	90
11) Tert butyl alcohol	5.052	59	16999	301.237	ug/l #	90
12) 1,1-Dichloroethene	3.958	96	52934	50.870	ug/l	88
13) Acrolein	3.799	56	20821	245.678	ug/l	97
14) Allyl chloride	4.569	41	69635	50.094	ug/l	87
15) Acrylonitrile	5.263	53	67196	264.940	ug/l	98
16) Acetone	4.028	43	78497	323.896	ug/l #	81
17) Carbon Disulfide	4.281	76	111860	48.233	ug/l	99
18) Methyl Acetate	4.569	43	58344	58.517	ug/l #	87
19) Methyl tert-butyl Ether	5.322	73	132479	52.844	ug/l	98
20) Methylene Chloride	4.816	84	69226	52.035	ug/l	91
21) trans-1,2-Dichloroethene	5.328	96	61292	51.757	ug/l	92
22) Diisopropyl ether	6.222	45	177522	54.310	ug/l	96
23) Vinyl Acetate	6.163	43	387123	263.644	ug/l #	92
24) 1,1-Dichloroethane	6.116	63	117174	51.379	ug/l	96
25) 2-Butanone	7.087	43	90559	264.654	ug/l #	85
26) 2,2-Dichloropropane	7.081	77	105642	51.784	ug/l	95
27) cis-1,2-Dichloroethene	7.087	96	77984	53.562	ug/l	94
28) Bromochloromethane	7.434	49	47553	57.509	ug/l #	79
29) Tetrahydrofuran	7.452	42	45767	254.947	ug/l	85
30) Chloroform	7.599	83	130225	52.681	ug/l	98
31) Cyclohexane	7.887	56	77072	45.985	ug/l	91
32) 1,1,1-Trichloroethane	7.799	97	111282	52.045	ug/l	99
36) 1,1-Dichloropropene	8.016	75	86413	50.354	ug/l	96
37) Ethyl Acetate	7.169	43	32824	48.599	ug/l	94
38) Carbon Tetrachloride	7.999	117	97288	49.223	ug/l	93
39) Methylcyclohexane	9.275	83	93767	49.649	ug/l	92
40) Benzene	8.257	78	256436	50.062	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD011524\
 Data File : VD078154.D
 Acq On : 15 Jan 2024 09:19
 Operator : RP/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Mahesh
 Dadoda

01/16/2024

Supervised By :Semsettin
 Yesilyurt

Quant Time: Jan 16 00:31:15 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D010824S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 09 01:29:14 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
41) Methacrylonitrile	7.405	41	21890	55.211	ug/l	#	82
42) 1,2-Dichloroethane	8.328	62	72356	50.193	ug/l		95
43) Isopropyl Acetate	8.369	43	64784	49.756	ug/l	#	91
44) Trichloroethene	9.034	130	66735	48.182	ug/l		89
45) 1,2-Dichloropropane	9.310	63	69535	52.634	ug/l		100
46) Dibromomethane	9.399	93	37459	51.251	ug/l		89
47) Bromodichloromethane	9.593	83	97222	50.034	ug/l		98
48) Methyl methacrylate	9.387	41	34627	48.123	ug/l	#	80
49) 1,4-Dioxane	9.387	88	7007	1096.708	ug/l	#	78
51) 4-Methyl-2-Pentanone	10.163	43	177542	263.183	ug/l		88
52) Toluene	10.334	92	166540	51.479	ug/l		100
53) t-1,3-Dichloropropene	10.557	75	87345	50.647	ug/l		92
54) cis-1,3-Dichloropropene	10.022	75	105574	53.654	ug/l	#	86
55) 1,1,2-Trichloroethane	10.734	97	54066	52.741	ug/l		95
56) Ethyl methacrylate	10.604	69	43090	53.936	ug/l	#	82
57) 1,3-Dichloropropane	10.881	76	86894	52.225	ug/l		99
58) 2-Chloroethyl Vinyl ether	9.875	63	105181	288.335	ug/l		95
59) 2-Hexanone	10.922	43	136241	268.614	ug/l		87
60) Dibromochloromethane	11.081	129	65537	50.597	ug/l		98
61) 1,2-Dibromoethane	11.181	107	47231	50.044	ug/l		98
64) Tetrachloroethene	10.810	164	51865	48.417	ug/l		96
65) Chlorobenzene	11.610	112	182064	50.014	ug/l		95
66) 1,1,1,2-Tetrachloroethane	11.681	131	71263	50.397	ug/l		96
67) Ethyl Benzene	11.687	91	332663	52.038	ug/l		98
68) m/p-Xylenes	11.798	106	258062	104.727	ug/l		92
69) o-Xylene	12.122	106	117726	51.592	ug/l		90
70) Styrene	12.140	104	182182	52.520	ug/l		94
71) Bromoform	12.304	173	35438	49.584	ug/l	#	99
73) Isopropylbenzene	12.428	105	323553	51.538	ug/l		97
74) N-amyl acetate	12.234	43	58616	51.051	ug/l	#	88
75) 1,1,2,2-Tetrachloroethane	12.681	83	60814	51.479	ug/l		99
76) 1,2,3-Trichloropropane	12.728	75	44281m	56.964	ug/l		
77) Bromobenzene	12.704	156	71141	49.329	ug/l		86
78) n-propylbenzene	12.769	91	397864	52.284	ug/l		95
79) 2-Chlorotoluene	12.851	91	210645	52.026	ug/l		96
80) 1,3,5-Trimethylbenzene	12.904	105	275718	52.918	ug/l		94
81) trans-1,4-Dichloro-2-b...	12.475	75	18353	52.615	ug/l		90
82) 4-Chlorotoluene	12.951	91	225081	51.684	ug/l		94
83) tert-Butylbenzene	13.169	119	236581	51.864	ug/l		96
84) 1,2,4-Trimethylbenzene	13.216	105	275814	53.322	ug/l		96
85) sec-Butylbenzene	13.351	105	343315	51.369	ug/l		96
86) p-Isopropyltoluene	13.463	119	306766	51.839	ug/l		96
87) 1,3-Dichlorobenzene	13.463	146	151569	50.654	ug/l		97
88) 1,4-Dichlorobenzene	13.540	146	148909	50.382	ug/l		98
89) n-Butylbenzene	13.792	91	298093	53.046	ug/l		97
90) Hexachloroethane	14.057	117	61483	50.551	ug/l		89
91) 1,2-Dichlorobenzene	13.834	146	127043	49.219	ug/l		97
92) 1,2-Dibromo-3-Chloropr...	14.451	75	8218	51.339	ug/l		94
93) 1,2,4-Trichlorobenzene	15.104	180	82437	51.578	ug/l		94
94) Hexachlorobutadiene	15.204	225	43084	47.777	ug/l		96
95) Naphthalene	15.334	128	146694	51.773	ug/l		99
96) 1,2,3-Trichlorobenzene	15.528	180	70142	51.459	ug/l		99

01/16/2024

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD011524\
Data File : VD078154.D
Acq On : 15 Jan 2024 09:19
Operator : RP/MD
Sample : VSTDCCC050
Misc : 5.00G/5.0ml/MSVOA_D/SOIL
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jan 16 00:31:15 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D010824S.M
Quant Title : SW846 8260
QLast Update : Tue Jan 09 01:29:14 2024
Response via : Initial Calibration

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Mahesh
Dadoda

01/16/2024
Supervised By :Semsettin
Yesilyurt

01/16/2024

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

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

