

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111521\
 Data File : VD071020.D
 Acq On : 15 Nov 2021 11:01
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Quant Time: Nov 15 14:34:10 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D110921S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 10 03:55:51 2021
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Vimala Arumugam 11/15/2021
 Supervised By :Mahesh Dadoda 11/17/2021

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	266631	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	444790	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	398517	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	184343	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	140756	49.582	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	99.160%		
35) Dibromofluoromethane	7.914	113	130471	51.983	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	103.960%		
50) Toluene-d8	10.338	98	496239	50.486	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	100.980%		
62) 4-Bromofluorobenzene	12.626	95	173558	49.040	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	98.080%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.991	85	108459	47.611	ug/l	94
3) Chloromethane	2.209	50	145663	53.736	ug/l	98
4) Vinyl Chloride	2.350	62	162969	62.513	ug/l	99
5) Bromomethane	2.773	94	102572	57.725	ug/l	94
6) Chloroethane	2.926	64	108154	64.594	ug/l	93
7) Trichlorofluoromethane	3.279	101	223040	53.161	ug/l	98
8) Diethyl Ether	3.709	74	60121	43.298	ug/l	87
9) 1,1,2-Trichlorotrifluo...	4.097	101	133637	51.672	ug/l	95
10) Methyl Iodide	4.303	142	131362	43.384	ug/l	98
11) Tert butyl alcohol	5.214	59	48509	233.811	ug/l #	93
12) 1,1-Dichloroethene	4.067	96	122411	48.348	ug/l	86
13) Acrolein	3.920	56	12967	203.496	ug/l	96
14) Allyl chloride	4.714	41	242304	45.946	ug/l #	82
15) Acrylonitrile	5.420	53	148207	223.059	ug/l	97
16) Acetone	4.150	43	197200	256.654	ug/l	90
17) Carbon Disulfide	4.414	76	362597	44.353	ug/l	99
18) Methyl Acetate	4.714	43	107735	44.236	ug/l	95
19) Methyl tert-butyl Ether	5.473	73	295166	45.159	ug/l	94
20) Methylene Chloride	4.967	84	145627	45.076	ug/l	92
21) trans-1,2-Dichloroethene	5.473	96	136308	46.970	ug/l	88
22) Diisopropyl ether	6.361	45	479999	45.783	ug/l	94
23) Vinyl Acetate	6.303	43	1160797	211.006	ug/l	96
24) 1,1-Dichloroethane	6.261	63	269086	48.053	ug/l	98
25) 2-Butanone	7.208	43	221701	225.911	ug/l #	88
26) 2,2-Dichloropropane	7.208	77	243256	51.471	ug/l	95
27) cis-1,2-Dichloroethene	7.208	96	155509	46.878	ug/l	90
28) Bromochloromethane	7.550	49	114579	48.241	ug/l	88
29) Tetrahydrofuran	7.561	42	123311	213.784	ug/l	92
30) Chloroform	7.708	83	263308	49.456	ug/l	99
31) Cyclohexane	7.985	56	256967	44.016	ug/l	100
32) 1,1,1-Trichloroethane	7.902	97	240766	52.654	ug/l	94
36) 1,1-Dichloropropene	8.108	75	207839	52.335	ug/l	97
37) Ethyl Acetate	7.291	43	88584	48.892	ug/l #	92
38) Carbon Tetrachloride	8.097	117	204989	56.051	ug/l	98
39) Methylcyclohexane	9.349	83	256159	49.944	ug/l	98
40) Benzene	8.350	78	559469	50.024	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111521\
 Data File : VD071020.D
 Acq On : 15 Nov 2021 11:01
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Quant Time: Nov 15 14:34:10 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D110921S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 10 03:55:51 2021
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Vimala Arumugam 11/15/2021
 Supervised By :Mahesh Dadoda 11/17/2021

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.520	41	57715	44.672	ug/l #	69
42) 1,2-Dichloroethane	8.420	62	167617	52.913	ug/l	94
43) Isopropyl Acetate	8.449	43	182131	47.498	ug/l #	89
44) Trichloroethene	9.108	130	146498	50.819	ug/l	85
45) 1,2-Dichloropropane	9.385	63	147636	48.811	ug/l	96
46) Dibromomethane	9.473	93	72217	50.163	ug/l	96
47) Bromodichloromethane	9.655	83	195208	51.264	ug/l	100
48) Methyl methacrylate	9.449	41	89099	47.366	ug/l #	82
49) 1,4-Dioxane	9.461	88	14730	883.067	ug/l #	85
51) 4-Methyl-2-Pentanone	10.220	43	447802	240.880	ug/l	91
52) Toluene	10.402	92	350873	49.769	ug/l	98
53) t-1,3-Dichloropropene	10.614	75	186369	48.534	ug/l	94
54) cis-1,3-Dichloropropene	10.085	75	220711	48.742	ug/l #	79
55) 1,1,2-Trichloroethane	10.796	97	96813	48.928	ug/l	92
56) Ethyl methacrylate	10.655	69	130775	46.712	ug/l #	72
57) 1,3-Dichloropropane	10.943	76	176625	49.155	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.938	63	369014	253.541	ug/l	99
59) 2-Hexanone	10.979	43	350069	241.393	ug/l	89
60) Dibromochloromethane	11.132	129	121337	51.117	ug/l	99
61) 1,2-Dibromoethane	11.238	107	94940	49.327	ug/l	100
64) Tetrachloroethene	10.873	164	119039	51.225	ug/l	95
65) Chlorobenzene	11.661	112	357538	50.284	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.738	131	133031	52.712	ug/l	98
67) Ethyl Benzene	11.738	91	687217	51.035	ug/l	99
68) m/p-Xylenes	11.849	106	519349	103.195	ug/l	94
69) o-Xylene	12.173	106	245912	51.371	ug/l	97
70) Styrene	12.190	104	417585	51.520	ug/l	97
71) Bromoform	12.349	173	67837	51.545	ug/l #	98
73) Isopropylbenzene	12.473	105	667342	50.250	ug/l	99
74) N-amyl acetate	12.279	43	170701	44.992	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.720	83	104344	45.648	ug/l	100
76) 1,2,3-Trichloropropane	12.773	75	94026m	59.712	ug/l	
77) Bromobenzene	12.755	156	139280	49.085	ug/l	95
78) n-propylbenzene	12.814	91	832831	50.611	ug/l	100
79) 2-Chlorotoluene	12.896	91	459250	48.947	ug/l	99
80) 1,3,5-Trimethylbenzene	12.949	105	542703	49.632	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.520	75	33752	41.874	ug/l #	79
82) 4-Chlorotoluene	12.996	91	473519	48.900	ug/l	99
83) tert-Butylbenzene	13.214	119	474089	50.332	ug/l	96
84) 1,2,4-Trimethylbenzene	13.261	105	537282	50.173	ug/l	97
85) sec-Butylbenzene	13.390	105	730811	51.608	ug/l	100
86) p-Isopropyltoluene	13.508	119	602527	52.989	ug/l	97
87) 1,3-Dichlorobenzene	13.508	146	281224	50.689	ug/l	98
88) 1,4-Dichlorobenzene	13.585	146	276712	49.814	ug/l	97
89) n-Butylbenzene	13.832	91	595482	52.110	ug/l	98
90) Hexachloroethane	14.102	117	114888	51.059	ug/l	91
91) 1,2-Dichlorobenzene	13.879	146	239547	49.830	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.490	75	17281	46.095	ug/l	99
93) 1,2,4-Trichlorobenzene	15.149	180	151146	49.142	ug/l	99
94) Hexachlorobutadiene	15.255	225	87631	56.493	ug/l	99
95) Naphthalene	15.384	128	274937	46.814	ug/l	99
96) 1,2,3-Trichlorobenzene	15.579	180	131165	50.719	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111521\
 Data File : VD071020.D
 Acq On : 15 Nov 2021 11:01
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
ClientSampleId :
 VSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Vimala Arumugam 11/15/2021
 Supervised By :Mahesh Dadoda 11/17/2021

Quant Time: Nov 15 14:34:10 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D110921S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 10 03:55:51 2021
 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_D\Data\VD111521\
 Data File : VD071020.D
 Acq On : 15 Nov 2021 11:01
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Quant Time: Nov 15 14:34:10 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D110921S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 10 03:55:51 2021
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Vimala Arumugam 11/15/2021
 Supervised By :Mahesh Dadoda 11/17/2021

