

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110921\
 Data File : VD070947.D
 Acq On : 09 Nov 2021 11:28
 Operator : VA/SY
 Sample : VSTDICCC050
 Misc : 5.00G/5.00ml/MSVOA_D/soil
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

Reviewed By :Vimala Arumugam 11/10/2021
 Supervised By :Mahesh Dadoda 11/16/2021

Quant Time: Nov 13 04:55:42 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)

Internal Standards						
1) Pentafluorobenzene	7.979	168	409949	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	731984	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	658766	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	288724	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	209341	47.962	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	95.920%		
35) Dibromofluoromethane	7.914	113	194434	47.073	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	94.140%		
50) Toluene-d8	10.338	98	764270	47.248	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	94.500%		
62) 4-Bromofluorobenzene	12.620	95	272426	46.774	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	93.540%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.991	85	165118	47.143	ug/l	96
3) Chloromethane	2.209	50	198162	47.546	ug/l	99
4) Vinyl Chloride	2.350	62	200664	50.063	ug/l	99
5) Bromomethane	2.762	94	126659	46.361	ug/l	96
6) Chloroethane	2.921	64	130550	50.712	ug/l	95
7) Trichlorofluoromethane	3.273	101	323498	50.149	ug/l	98
8) Diethyl Ether	3.709	74	107108	50.170	ug/l	89
9) 1,1,2-Trichlorotrifluo...	4.097	101	199863	50.262	ug/l	96
10) Methyl Iodide	4.297	142	225331	47.705	ug/l	99
11) Tert butyl alcohol	5.215	59	73649	230.883	ug/l	99
12) 1,1-Dichloroethene	4.068	96	196301	50.426	ug/l #	83
13) Acrolein	3.926	56	21438	219.229	ug/l	99
14) Allyl chloride	4.715	41	415117	51.196	ug/l #	86
15) Acrylonitrile	5.420	53	262470	256.928	ug/l	98
16) Acetone	4.156	43	285456	242.794	ug/l	92
17) Carbon Disulfide	4.409	76	631739	50.259	ug/l	99
18) Methyl Acetate	4.715	43	188271	50.278	ug/l	94
19) Methyl tert-butyl Ether	5.473	73	508327	50.583	ug/l	100
20) Methylene Chloride	4.962	84	237498	47.839	ug/l	91
21) trans-1,2-Dichloroethene	5.473	96	227360	50.956	ug/l	85
22) Diisopropyl ether	6.362	45	826907	51.298	ug/l	95
23) Vinyl Acetate	6.303	43	2013334	235.344	ug/l	96
24) 1,1-Dichloroethane	6.262	63	437833	50.853	ug/l	99
25) 2-Butanone	7.209	43	362894	239.193	ug/l #	88
26) 2,2-Dichloropropane	7.209	77	366553	50.445	ug/l	97
27) cis-1,2-Dichloroethene	7.209	96	258885	50.757	ug/l	94
28) Bromochloromethane	7.544	49	188989	51.752	ug/l	88
29) Tetrahydrofuran	7.561	42	221415	249.667	ug/l	93
30) Chloroform	7.708	83	412952	50.447	ug/l	98
31) Cyclohexane	7.985	56	421992	47.013	ug/l	99
32) 1,1,1-Trichloroethane	7.903	97	356761	50.745	ug/l	96
36) 1,1-Dichloropropene	8.108	75	327008	50.036	ug/l	98
37) Ethyl Acetate	7.291	43	152284	51.072	ug/l #	92
38) Carbon Tetrachloride	8.097	117	300221	49.883	ug/l	99
39) Methylcyclohexane	9.350	83	417254	49.434	ug/l	99
40) Benzene	8.350	78	920628	50.019	ug/l	98

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41) Methacrylonitrile	7.514	41	90332	42.608	ug/l #	79
42) 1,2-Dichloroethane	8.420	62	265190	50.869	ug/l	96
43) Isopropyl Acetate	8.450	43	319673	50.658	ug/l #	89
44) Trichloroethene	9.108	130	236258	49.801	ug/l	93
45) 1,2-Dichloropropane	9.385	63	247541	49.731	ug/l	96
46) Dibromomethane	9.473	93	120941	51.047	ug/l	95
47) Bromodichloromethane	9.655	83	316038	50.432	ug/l #	98
48) Methyl methacrylate	9.450	41	156056	50.411	ug/l #	85
49) 1,4-Dioxane	9.455	88	27193	990.607	ug/l	91
51) 4-Methyl-2-Pentanone	10.220	43	774698	253.222	ug/l	92
52) Toluene	10.397	92	581264	50.100	ug/l	98
53) t-1,3-Dichloropropene	10.614	75	314609	49.784	ug/l	98
54) cis-1,3-Dichloropropene	10.085	75	368411	49.438	ug/l #	83
55) 1,1,2-Trichloroethane	10.791	97	161870	49.710	ug/l	95
56) Ethyl methacrylate	10.655	69	236562	51.345	ug/l #	79
57) 1,3-Dichloropropane	10.938	76	297971	50.390	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.938	63	609514	254.474	ug/l	100
59) 2-Hexanone	10.979	43	567602	238.066	ug/l	91
60) Dibromochloromethane	11.132	129	200061	51.214	ug/l	97
61) 1,2-Dibromoethane	11.238	107	158935	50.177	ug/l	98
64) Tetrachloroethene	10.873	164	190006	49.463	ug/l	97
65) Chlorobenzene	11.661	112	596492	50.749	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.738	131	212823	51.014	ug/l	99
67) Ethyl Benzene	11.738	91	1127848	50.669	ug/l	100
68) m/p-Xylenes	11.844	106	831962	100.004	ug/l	94
69) o-Xylene	12.173	106	403078	50.938	ug/l	97
70) Styrene	12.185	104	677323	50.552	ug/l	97
71) Bromoform	12.355	173	108948	50.078	ug/l	99
73) Isopropylbenzene	12.473	105	1062453	51.079	ug/l	100
74) N-amyl acetate	12.279	43	304256	51.201	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.720	83	184396	51.505	ug/l	99
76) 1,2,3-Trichloropropane	12.773	75	122657m	49.733	ug/l	
77) Bromobenzene	12.749	156	223903	50.381	ug/l	92
78) n-propylbenzene	12.808	91	1310742	50.857	ug/l	100
79) 2-Chlorotoluene	12.896	91	742784	50.545	ug/l	99
80) 1,3,5-Trimethylbenzene	12.949	105	864835	50.499	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.514	75	61718	48.326	ug/l	88
82) 4-Chlorotoluene	12.996	91	764743	50.423	ug/l	99
83) tert-Butylbenzene	13.208	119	742242	50.312	ug/l	96
84) 1,2,4-Trimethylbenzene	13.255	105	852501	50.828	ug/l	99
85) sec-Butylbenzene	13.391	105	1126397	50.786	ug/l	100
86) p-Isopropyltoluene	13.502	119	910025	51.098	ug/l	98
87) 1,3-Dichlorobenzene	13.502	146	440512	50.695	ug/l	98
88) 1,4-Dichlorobenzene	13.585	146	430656	49.500	ug/l	97
89) n-Butylbenzene	13.826	91	924060	51.629	ug/l	99
90) Hexachloroethane	14.096	117	181323	51.451	ug/l	92
91) 1,2-Dichlorobenzene	13.873	146	384068	51.009	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.491	75	29477	50.201	ug/l	97
93) 1,2,4-Trichlorobenzene	15.143	180	245463	50.954	ug/l	98
94) Hexachlorobutadiene	15.249	225	128107	52.729	ug/l	99
95) Naphthalene	15.379	128	471872	51.299	ug/l	99
96) 1,2,3-Trichlorobenzene	15.573	180	210062	51.861	ug/l	99

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

