

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110521\
 Data File : VD070927.D
 Acq On : 05 Nov 2021 15:20
 Operator : VA/SY
 Sample : VSTDICCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

Reviewed By :Vimala Arumugam 11/08/2021
 Supervised By :Mahesh Dadoda 11/10/2021

Quant Time: Nov 06 23:28:09 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D110521S.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 06 23:24:21 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	456403	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	796135	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	703558	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	312201	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	268970	56.543	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 113.080%			
35) Dibromofluoromethane	7.914	113	235371	45.584	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 91.160%			
50) Toluene-d8	10.332	98	917625	47.268	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 94.540%			
62) 4-Bromofluorobenzene	12.620	95	338637	51.780	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 103.560%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.991	85	234507	53.915	ug/l	95
3) Chloromethane	2.209	50	230250	39.966	ug/l	99
4) Vinyl Chloride	2.350	62	232061	36.816	ug/l	100
5) Bromomethane	2.768	94	136601	30.580	ug/l	100
6) Chloroethane	2.921	64	144318	36.963	ug/l	91
7) Trichlorofluoromethane	3.273	101	441163	53.163	ug/l	98
8) Diethyl Ether	3.703	74	125436	54.816	ug/l	90
9) 1,1,2-Trichlorotrifluo...	4.097	101	255076	48.352	ug/l	95
10) Methyl Iodide	4.303	142	279368	60.483	ug/l	97
11) Tert butyl alcohol	5.220	59	91471	342.531	ug/l	96
12) 1,1-Dichloroethene	4.068	96	240713	52.218	ug/l #	80
13) Acrolein	3.920	56	28121	140.059	ug/l	97
14) Allyl chloride	4.715	41	518936	68.099	ug/l #	84
15) Acrylonitrile	5.420	53	297362	272.117	ug/l	97
16) Acetone	4.156	43	362193	327.305	ug/l	89
17) Carbon Disulfide	4.409	76	793244	49.300	ug/l	98
18) Methyl Acetate	4.720	43	219839	58.088	ug/l	95
19) Methyl tert-butyl Ether	5.479	73	625290	62.922	ug/l	99
20) Methylene Chloride	4.967	84	279282	38.292	ug/l	90
21) trans-1,2-Dichloroethene	5.473	96	276421	51.023	ug/l	87
22) Diisopropyl ether	6.362	45	945525	61.674	ug/l	95
23) Vinyl Acetate	6.303	43	2329782	329.000	ug/l	96
24) 1,1-Dichloroethane	6.262	63	533135	52.526	ug/l	99
25) 2-Butanone	7.209	43	426454	313.773	ug/l #	88
26) 2,2-Dichloropropane	7.203	77	494499	59.493	ug/l	95
27) cis-1,2-Dichloroethene	7.209	96	308162	52.696	ug/l	90
28) Bromochloromethane	7.544	49	208447	52.566	ug/l	90
29) Tetrahydrofuran	7.561	42	256158	311.640	ug/l	93
30) Chloroform	7.709	83	517555	50.983	ug/l	99
31) Cyclohexane	7.985	56	536639	56.309	ug/l	100
32) 1,1,1-Trichloroethane	7.897	97	475527	54.242	ug/l	95
36) 1,1-Dichloropropene	8.108	75	415567	50.566	ug/l	98
37) Ethyl Acetate	7.291	43	183638	58.515	ug/l #	91
38) Carbon Tetrachloride	8.091	117	406924	49.072	ug/l	99
39) Methylcyclohexane	9.350	83	529677	55.274	ug/l	99
40) Benzene	8.350	78	1097937	46.650	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.514	41	106621	61.453	ug/l #	81
42) 1,2-Dichloroethane	8.420	62	346441	55.225	ug/l	94
43) Isopropyl Acetate	8.450	43	372662	62.289	ug/l	91
44) Trichloroethene	9.108	130	297086	48.056	ug/l	96
45) 1,2-Dichloropropane	9.385	63	291519	46.517	ug/l	99
46) Dibromomethane	9.473	93	144820	46.977	ug/l	95
47) Bromodichloromethane	9.655	83	391323	48.573	ug/l	99
48) Methyl methacrylate	9.450	41	194031	67.525	ug/l #	82
49) 1,4-Dioxane	9.455	88	33503	1009.224	ug/l	92
51) 4-Methyl-2-Pentanone	10.220	43	911756	296.874	ug/l	92
52) Toluene	10.397	92	701414	49.368	ug/l	96
53) t-1,3-Dichloropropene	10.614	75	392412	55.008	ug/l	99
54) cis-1,3-Dichloropropene	10.085	75	453228	51.822	ug/l #	80
55) 1,1,2-Trichloroethane	10.791	97	189646	43.743	ug/l	95
56) Ethyl methacrylate	10.655	69	283600	57.525	ug/l #	78
57) 1,3-Dichloropropane	10.938	76	354586	48.104	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.938	63	634129	290.159	ug/l	99
59) 2-Hexanone	10.973	43	670467	306.594	ug/l	91
60) Dibromochloromethane	11.132	129	243128	46.393	ug/l	100
61) 1,2-Dibromoethane	11.238	107	191343	47.450	ug/l	99
64) Tetrachloroethene	10.867	164	236506	49.746	ug/l	95
65) Chlorobenzene	11.661	112	713654	50.037	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.732	131	258225	48.940	ug/l	99
67) Ethyl Benzene	11.738	91	1357743	54.332	ug/l	100
68) m/p-Xylenes	11.844	106	1003489	104.412	ug/l	92
69) o-Xylene	12.173	106	482723	54.784	ug/l	95
70) Styrene	12.185	104	803529	53.206	ug/l	95
71) Bromoform	12.349	173	133480	48.148	ug/l #	100
73) Isopropylbenzene	12.467	105	1304356	61.344	ug/l	99
74) N-amyl acetate	12.279	43	359870	72.679	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.720	83	209545	49.602	ug/l	100
76) 1,2,3-Trichloropropane	12.773	75	169974m	54.795	ug/l	
77) Bromobenzene	12.749	156	268922	52.984	ug/l	89
78) n-propylbenzene	12.808	91	1589485	58.762	ug/l	99
79) 2-Chlorotoluene	12.896	91	905705	57.617	ug/l	97
80) 1,3,5-Trimethylbenzene	12.949	105	1068075	59.631	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.514	75	71996	60.152	ug/l #	84
82) 4-Chlorotoluene	12.991	91	932383	57.147	ug/l	98
83) tert-Butylbenzene	13.214	119	926263	61.359	ug/l	95
84) 1,2,4-Trimethylbenzene	13.255	105	1040330	59.086	ug/l	97
85) sec-Butylbenzene	13.391	105	1365417	58.042	ug/l	99
86) p-Isopropyltoluene	13.502	119	1117317	59.029	ug/l	96
87) 1,3-Dichlorobenzene	13.502	146	521335	50.172	ug/l	97
88) 1,4-Dichlorobenzene	13.585	146	523335	50.625	ug/l	97
89) n-Butylbenzene	13.826	91	1105617	59.159	ug/l	100
90) Hexachloroethane	14.096	117	219488	51.875	ug/l	93
91) 1,2-Dichlorobenzene	13.873	146	455008	51.171	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.491	75	38065	59.438	ug/l	94
93) 1,2,4-Trichlorobenzene	15.143	180	294838	56.139	ug/l	97
94) Hexachlorobutadiene	15.249	225	157230	46.790	ug/l	99
95) Naphthalene	15.379	128	569365	63.167	ug/l	99
96) 1,2,3-Trichlorobenzene	15.573	180	249200	55.265	ug/l	97

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

