

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122221\
 Data File : VD071430.D
 Acq On : 22 Dec 2021 19:49
 Operator : VA/SY
 Sample : VSTDICCC050
 Misc : 5.00G/5.00ml/MSVOA_D/soil
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 12/24/2021
 Supervised By : Mahesh Dadoda 12/28/2021

Quant Time: Dec 23 07:18:55 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122221S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 23 07:15:55 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	360541	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	626716	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	570630	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	277746	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	243089	61.942	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 123.880%			
35) Dibromofluoromethane	7.908	113	210989	57.903	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 115.800%			
50) Toluene-d8	10.332	98	797264	57.418	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 114.840%			
62) 4-Bromofluorobenzene	12.620	95	277912	57.650	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 115.300%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.991	85	178365	62.445	ug/l	100
3) Chloromethane	2.209	50	229813	61.133	ug/l	98
4) Vinyl Chloride	2.350	62	272756	64.958	ug/l	97
5) Bromomethane	2.768	94	180896	59.799	ug/l	99
6) Chloroethane	2.920	64	181620	63.539	ug/l	96
7) Trichlorofluoromethane	3.273	101	338131	60.238	ug/l	99
8) Diethyl Ether	3.709	74	98110	64.112	ug/l	92
9) 1,1,2-Trichlorotrifluo...	4.103	101	192928	58.504	ug/l	96
10) Methyl Iodide	4.303	142	218245	67.216	ug/l	96
11) Tert butyl alcohol	5.214	59	83074	181.965	ug/l #	82
12) 1,1-Dichloroethene	4.073	96	178462	58.526	ug/l	84
13) Acrolein	3.920	56	57193	216.214	ug/l	96
14) Allyl chloride	4.714	41	343500	59.650	ug/l #	78
15) Acrylonitrile	5.414	53	252147	335.889	ug/l	97
16) Acetone	4.156	43	319361	345.403	ug/l #	88
17) Carbon Disulfide	4.414	76	572637	63.175	ug/l	99
18) Methyl Acetate	4.714	43	173583	59.753	ug/l	93
19) Methyl tert-butyl Ether	5.473	73	482594	64.193	ug/l	100
20) Methylene Chloride	4.956	84	227181	45.375	ug/l	87
21) trans-1,2-Dichloroethene	5.473	96	206191	60.145	ug/l	86
22) Diisopropyl ether	6.361	45	712749	61.657	ug/l	92
23) Vinyl Acetate	6.303	43	1941621	352.105	ug/l	99
24) 1,1-Dichloroethane	6.261	63	397114	59.887	ug/l	98
25) 2-Butanone	7.208	43	366670	343.277	ug/l	92
26) 2,2-Dichloropropane	7.208	77	333982	55.804	ug/l	95
27) cis-1,2-Dichloroethene	7.208	96	234799	60.887	ug/l	93
28) Bromochloromethane	7.544	49	173885	60.399	ug/l	91
29) Tetrahydrofuran	7.561	42	217843	347.084	ug/l	94
30) Chloroform	7.708	83	405152	60.681	ug/l	99
31) Cyclohexane	7.985	56	368178	55.804	ug/l	96
32) 1,1,1-Trichloroethane	7.903	97	358553	60.164	ug/l	95
36) 1,1-Dichloropropene	8.108	75	311510	58.496	ug/l	97
37) Ethyl Acetate	7.291	43	155765	65.828	ug/l #	93
38) Carbon Tetrachloride	8.097	117	316846	60.545	ug/l	97
39) Methylcyclohexane	9.350	83	366685	57.328	ug/l	96
40) Benzene	8.350	78	847067	58.599	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.520	41	100727	71.799	ug/l #	77
42) 1,2-Dichloroethane	8.420	62	278671	62.446	ug/l	93
43) Isopropyl Acetate	8.444	43	296460	64.431	ug/l #	90
44) Trichloroethene	9.108	130	217528	56.644	ug/l	94
45) 1,2-Dichloropropane	9.379	63	218109	57.582	ug/l	97
46) Dibromomethane	9.467	93	125152	62.827	ug/l	94
47) Bromodichloromethane	9.655	83	312859	59.892	ug/l	98
48) Methyl methacrylate	9.450	41	147872	64.723	ug/l #	82
49) 1,4-Dioxane	9.455	88	27524	1397.878	ug/l	94
51) 4-Methyl-2-Pentanone	10.220	43	793383	339.878	ug/l	90
52) Toluene	10.397	92	535275	58.530	ug/l	99
53) t-1,3-Dichloropropene	10.614	75	295969	61.841	ug/l	97
54) cis-1,3-Dichloropropene	10.085	75	335625	59.102	ug/l #	80
55) 1,1,2-Trichloroethane	10.791	97	156903	60.012	ug/l	95
56) Ethyl methacrylate	10.655	69	218042	66.070	ug/l #	76
57) 1,3-Dichloropropane	10.938	76	289869	63.377	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.938	63	504389	281.729	ug/l	99
59) 2-Hexanone	10.979	43	580948	342.044	ug/l	88
60) Dibromochloromethane	11.132	129	201320	62.053	ug/l	99
61) 1,2-Dibromoethane	11.238	107	156335	62.172	ug/l	100
64) Tetrachloroethene	10.867	164	182102	55.594	ug/l	96
65) Chlorobenzene	11.661	112	562175	58.896	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.738	131	209718	60.133	ug/l	99
67) Ethyl Benzene	11.738	91	1056525	58.989	ug/l	99
68) m/p-Xylenes	11.843	106	808797	119.380	ug/l	96
69) o-Xylene	12.173	106	372683	58.669	ug/l	94
70) Styrene	12.185	104	648525	60.611	ug/l	96
71) Bromoform	12.349	173	117535	64.125	ug/l #	100
73) Isopropylbenzene	12.467	105	1007893	56.120	ug/l	99
74) N-amyl acetate	12.279	43	288167	65.025	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.720	83	186098	61.697	ug/l	99
76) 1,2,3-Trichloropropane	12.773	75	156192m	62.797	ug/l	
77) Bromobenzene	12.755	156	223405	57.080	ug/l	96
78) n-propylbenzene	12.814	91	1273939	56.880	ug/l	99
79) 2-Chlorotoluene	12.896	91	709571	56.362	ug/l	99
80) 1,3,5-Trimethylbenzene	12.949	105	850324	57.428	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.520	75	55732	61.175	ug/l #	73
82) 4-Chlorotoluene	12.996	91	737566	56.364	ug/l	99
83) tert-Butylbenzene	13.214	119	729418	57.347	ug/l	96
84) 1,2,4-Trimethylbenzene	13.255	105	833687	57.701	ug/l	98
85) sec-Butylbenzene	13.390	105	1096580	56.469	ug/l	100
86) p-Isopropyltoluene	13.502	119	915078	57.644	ug/l	97
87) 1,3-Dichlorobenzene	13.502	146	446749	57.466	ug/l	99
88) 1,4-Dichlorobenzene	13.585	146	437016	56.510	ug/l	97
89) n-Butylbenzene	13.832	91	890441	57.623	ug/l	99
90) Hexachloroethane	14.096	117	172047	57.397	ug/l	93
91) 1,2-Dichlorobenzene	13.879	146	387891	58.452	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.490	75	30453	61.146	ug/l	94
93) 1,2,4-Trichlorobenzene	15.143	180	239269	58.161	ug/l	99
94) Hexachlorobutadiene	15.249	225	126600	54.715	ug/l	97
95) Naphthalene	15.384	128	470400	64.030	ug/l	99
96) 1,2,3-Trichlorobenzene	15.579	180	205799	58.743	ug/l	97

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

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