

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122721\
 Data File : VD071491.D
 Acq On : 27 Dec 2021 19:14
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

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

Quant Time: Dec 28 02:45:43 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122221S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 23 08:20:24 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	376588	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	632344	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	587543	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	282496	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	242791	48.544	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	97.080%		
35) Dibromofluoromethane	7.914	113	219938	51.752	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	103.500%		
50) Toluene-d8	10.332	98	796612	49.601	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	99.200%		
62) 4-Bromofluorobenzene	12.620	95	292349	51.226	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	102.460%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.991	85	166815	42.274	ug/l	85
3) Chloromethane	2.215	50	204670	40.507	ug/l	99
4) Vinyl Chloride	2.350	62	242598	40.065	ug/l	97
5) Bromomethane	2.773	94	170836	40.330	ug/l	99
6) Chloroethane	2.926	64	164892	41.034	ug/l	92
7) Trichlorofluoromethane	3.279	101	352494	47.553	ug/l	97
8) Diethyl Ether	3.709	74	101779	47.961	ug/l	93
9) 1,1,2-Trichlorotrifluo...	4.103	101	205742	47.708	ug/l	97
10) Methyl Iodide	4.303	142	226179	53.931	ug/l	95
11) Tert butyl alcohol	5.209	59	75027	186.421	ug/l #	89
12) 1,1-Dichloroethene	4.073	96	187248	47.726	ug/l	87
13) Acrolein	3.915	56	48190	199.461	ug/l	99
14) Allyl chloride	4.720	41	363300	48.956	ug/l #	80
15) Acrylonitrile	5.414	53	255369	244.356	ug/l	95
16) Acetone	4.156	43	318177	253.275	ug/l #	87
17) Carbon Disulfide	4.415	76	509238	39.835	ug/l	98
18) Methyl Acetate	4.709	43	182056	46.953	ug/l	95
19) Methyl tert-butyl Ether	5.479	73	508540	50.211	ug/l	99
20) Methylene Chloride	4.962	84	243852	51.440	ug/l	92
21) trans-1,2-Dichloroethene	5.473	96	214171	47.129	ug/l	86
22) Diisopropyl ether	6.361	45	756114	50.050	ug/l #	91
23) Vinyl Acetate	6.303	43	1974868	253.581	ug/l	98
24) 1,1-Dichloroethane	6.267	63	422990	48.840	ug/l	99
25) 2-Butanone	7.208	43	360999	240.580	ug/l	89
26) 2,2-Dichloropropane	7.208	77	367699	51.671	ug/l	94
27) cis-1,2-Dichloroethene	7.208	96	247653	49.271	ug/l	92
28) Bromochloromethane	7.544	49	161509	45.508	ug/l	93
29) Tetrahydrofuran	7.561	42	221818	246.208	ug/l	92
30) Chloroform	7.708	83	437424	50.056	ug/l	100
31) Cyclohexane	7.985	56	365206	42.985	ug/l	97
32) 1,1,1-Trichloroethane	7.903	97	382683	49.377	ug/l	92
36) 1,1-Dichloropropene	8.108	75	321253	47.315	ug/l	98
37) Ethyl Acetate	7.291	43	151595	48.362	ug/l #	91
38) Carbon Tetrachloride	8.097	117	328805	49.085	ug/l	98
39) Methylcyclohexane	9.355	83	365379	45.971	ug/l	97
40) Benzene	8.350	78	878458	48.128	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.520	41	92303	49.575	ug/l #	77
42) 1,2-Dichloroethane	8.420	62	291067	48.903	ug/l	94
43) Isopropyl Acetate	8.444	43	307507	49.433	ug/l #	88
44) Trichloroethene	9.108	130	234290	49.257	ug/l	89
45) 1,2-Dichloropropane	9.385	63	238407	50.336	ug/l	99
46) Dibromomethane	9.467	93	127771	48.829	ug/l	95
47) Bromodichloromethane	9.655	83	331705	49.929	ug/l	100
48) Methyl methacrylate	9.450	41	155735	50.591	ug/l #	77
49) 1,4-Dioxane	9.455	88	25875	875.059	ug/l #	93
51) 4-Methyl-2-Pentanone	10.220	43	798167	243.883	ug/l	91
52) Toluene	10.397	92	569363	49.105	ug/l	97
53) t-1,3-Dichloropropene	10.614	75	312321	50.344	ug/l	98
54) cis-1,3-Dichloropropene	10.085	75	355266	49.558	ug/l #	79
55) 1,1,2-Trichloroethane	10.797	97	170867	51.444	ug/l	96
56) Ethyl methacrylate	10.655	69	229076	52.411	ug/l #	75
57) 1,3-Dichloropropane	10.938	76	307279	50.507	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.938	63	512540	244.807	ug/l	99
59) 2-Hexanone	10.979	43	581205	251.240	ug/l	90
60) Dibromochloromethane	11.132	129	220600	52.835	ug/l	97
61) 1,2-Dibromoethane	11.238	107	164151	49.898	ug/l	100
64) Tetrachloroethene	10.873	164	192262	47.089	ug/l	98
65) Chlorobenzene	11.661	112	592593	49.170	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.738	131	226125	51.359	ug/l	99
67) Ethyl Benzene	11.738	91	1118348	49.861	ug/l	97
68) m/p-Xylenes	11.844	106	849246	99.662	ug/l	95
69) o-Xylene	12.173	106	400163	51.375	ug/l	95
70) Styrene	12.185	104	692375	51.169	ug/l	97
71) Bromoform	12.355	173	120878	50.736	ug/l #	99
73) Isopropylbenzene	12.473	105	1086246	49.875	ug/l	100
74) N-amyl acetate	12.279	43	292817	50.112	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.720	83	194880	49.493	ug/l	99
76) 1,2,3-Trichloropropane	12.773	75	136294m	40.605	ug/l	
77) Bromobenzene	12.749	156	234201	48.325	ug/l	96
78) n-propylbenzene	12.814	91	1356168	49.678	ug/l	100
79) 2-Chlorotoluene	12.896	91	750268	49.178	ug/l	100
80) 1,3,5-Trimethylbenzene	12.949	105	911703	50.752	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.520	75	56398	47.475	ug/l #	78
82) 4-Chlorotoluene	12.996	91	784411	49.568	ug/l	100
83) tert-Butylbenzene	13.214	119	786360	51.228	ug/l	95
84) 1,2,4-Trimethylbenzene	13.255	105	908534	51.101	ug/l	96
85) sec-Butylbenzene	13.390	105	1187317	50.736	ug/l	100
86) p-Isopropyltoluene	13.502	119	996061	51.297	ug/l	97
87) 1,3-Dichlorobenzene	13.508	146	475275	48.696	ug/l	98
88) 1,4-Dichlorobenzene	13.585	146	468249	48.928	ug/l	98
89) n-Butylbenzene	13.832	91	974895	51.153	ug/l	99
90) Hexachloroethane	14.102	117	183491	49.884	ug/l	96
91) 1,2-Dichlorobenzene	13.879	146	409103	49.389	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.490	75	33662	49.296	ug/l	98
93) 1,2,4-Trichlorobenzene	15.149	180	256128	50.741	ug/l	99
94) Hexachlorobutadiene	15.249	225	136697	50.552	ug/l	98
95) Naphthalene	15.384	128	494532	51.470	ug/l	99
96) 1,2,3-Trichlorobenzene	15.579	180	221996	50.847	ug/l	98

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

