

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD120221\
 Data File : VD071112.D
 Acq On : 02 Dec 2021 11:37
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 12/07/2021
 Supervised By : Mahesh Dadoda 12/07/2021

Quant Time: Dec 03 00:35:00 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D112921S.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 29 17:54:09 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	273943	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.861	114	449889	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	412428	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	197012	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	159343	49.572	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	99.140%		
35) Dibromofluoromethane	7.914	113	148337	51.778	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	103.560%		
50) Toluene-d8	10.332	98	536772	49.235	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	98.480%		
62) 4-Bromofluorobenzene	12.626	95	191801	50.753	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	101.500%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.991	85	114893	49.181	ug/l	99
3) Chloromethane	2.209	50	172464	55.803	ug/l	100
4) Vinyl Chloride	2.350	62	196328	56.939	ug/l	97
5) Bromomethane	2.773	94	129041	51.915	ug/l	97
6) Chloroethane	2.926	64	142685	60.166	ug/l	91
7) Trichlorofluoromethane	3.279	101	255689	54.740	ug/l	98
8) Diethyl Ether	3.709	74	67370	53.203	ug/l	89
9) 1,1,2-Trichlorotrifluo...	4.097	101	153695	55.772	ug/l	95
10) Methyl Iodide	4.297	142	139001	43.992	ug/l	95
11) Tert butyl alcohol	5.208	59	57673	286.707	ug/l #	84
12) 1,1-Dichloroethene	4.073	96	133742	52.590	ug/l	88
13) Acrolein	3.920	56	50213	228.592	ug/l	93
14) Allyl chloride	4.714	41	262384	54.318	ug/l #	82
15) Acrylonitrile	5.420	53	172885	280.733	ug/l	96
16) Acetone	4.156	43	211448	248.009	ug/l	92
17) Carbon Disulfide	4.414	76	383261	51.473	ug/l	100
18) Methyl Acetate	4.714	43	122678	51.727	ug/l	96
19) Methyl tert-butyl Ether	5.479	73	345334	55.408	ug/l	95
20) Methylene Chloride	4.967	84	163656	50.496	ug/l	87
21) trans-1,2-Dichloroethene	5.473	96	153291	53.547	ug/l	92
22) Diisopropyl ether	6.361	45	551075	56.941	ug/l	94
23) Vinyl Acetate	6.303	43	1312484	250.694	ug/l	98
24) 1,1-Dichloroethane	6.261	63	309943	55.679	ug/l	97
25) 2-Butanone	7.203	43	244926	248.627	ug/l #	86
26) 2,2-Dichloropropane	7.203	77	262463	51.851	ug/l	96
27) cis-1,2-Dichloroethene	7.208	96	178899	55.238	ug/l	91
28) Bromochloromethane	7.544	49	117489	48.593	ug/l	89
29) Tetrahydrofuran	7.555	42	142882	279.933	ug/l	94
30) Chloroform	7.708	83	319443	57.180	ug/l	99
31) Cyclohexane	7.985	56	278370	50.912	ug/l	95
32) 1,1,1-Trichloroethane	7.902	97	280531	55.930	ug/l	94
36) 1,1-Dichloropropene	8.108	75	237961	56.593	ug/l	97
37) Ethyl Acetate	7.285	43	105274	57.960	ug/l #	92
38) Carbon Tetrachloride	8.091	117	243039	58.636	ug/l	98
39) Methylcyclohexane	9.349	83	279044	55.175	ug/l	99
40) Benzene	8.350	78	650193	56.927	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.514	41	55277	60.412	ug/l #	81
42) 1,2-Dichloroethane	8.420	62	203690	58.425	ug/l	95
43) Isopropyl Acetate	8.450	43	209514	52.170	ug/l	90
44) Trichloroethene	9.108	130	169656	55.712	ug/l	91
45) 1,2-Dichloropropane	9.379	63	176286	58.691	ug/l	98
46) Dibromomethane	9.473	93	89293	57.300	ug/l	95
47) Bromodichloromethane	9.655	83	242747	58.902	ug/l #	96
48) Methyl methacrylate	9.449	41	101820	57.270	ug/l #	78
49) 1,4-Dioxane	9.455	88	19348	1286.203	ug/l	96
51) 4-Methyl-2-Pentanone	10.220	43	526488	256.191	ug/l	91
52) Toluene	10.396	92	418860	57.800	ug/l	97
53) t-1,3-Dichloropropene	10.614	75	215909	56.982	ug/l	98
54) cis-1,3-Dichloropropene	10.085	75	253697	56.367	ug/l #	81
55) 1,1,2-Trichloroethane	10.796	97	118291	57.864	ug/l	98
56) Ethyl methacrylate	10.655	69	147885	50.220	ug/l #	75
57) 1,3-Dichloropropane	10.938	76	212548	59.185	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.932	63	337091	242.318	ug/l	100
59) 2-Hexanone	10.979	43	380958	247.286	ug/l	90
60) Dibromochloromethane	11.132	129	150537	59.249	ug/l	100
61) 1,2-Dibromoethane	11.238	107	111664	56.874	ug/l	99
64) Tetrachloroethene	10.873	164	143680	54.875	ug/l	95
65) Chlorobenzene	11.661	112	438539	57.308	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.738	131	161468	57.790	ug/l	97
67) Ethyl Benzene	11.738	91	816136	56.654	ug/l	99
68) m/p-Xylenes	11.849	106	620120	114.021	ug/l	96
69) o-Xylene	12.173	106	292516	57.226	ug/l	98
70) Styrene	12.185	104	501912	58.260	ug/l	98
71) Bromoform	12.349	173	81474	56.286	ug/l	97
73) Isopropylbenzene	12.473	105	789108	55.317	ug/l	99
74) N-amyl acetate	12.279	43	192910	49.462	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.720	83	131687	56.056	ug/l	99
76) 1,2,3-Trichloropropane	12.773	75	126724m	67.513	ug/l	
77) Bromobenzene	12.755	156	172772	55.916	ug/l	99
78) n-propylbenzene	12.814	91	985638	55.482	ug/l	100
79) 2-Chlorotoluene	12.902	91	551258	55.287	ug/l	100
80) 1,3,5-Trimethylbenzene	12.949	105	655696	55.740	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.520	75	37701	47.327	ug/l #	80
82) 4-Chlorotoluene	12.996	91	566825	54.759	ug/l	100
83) tert-Butylbenzene	13.214	119	559688	55.401	ug/l	95
84) 1,2,4-Trimethylbenzene	13.261	105	656071	57.126	ug/l	98
85) sec-Butylbenzene	13.390	105	873643	56.620	ug/l	99
86) p-Isopropyltoluene	13.508	119	716365	56.764	ug/l	98
87) 1,3-Dichlorobenzene	13.508	146	355716	57.833	ug/l	98
88) 1,4-Dichlorobenzene	13.585	146	340990	55.956	ug/l	98
89) n-Butylbenzene	13.832	91	707986	57.468	ug/l	98
90) Hexachloroethane	14.102	117	134350	56.158	ug/l	97
91) 1,2-Dichlorobenzene	13.879	146	301836	57.705	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.496	75	22256	58.175	ug/l	98
93) 1,2,4-Trichlorobenzene	15.149	180	190122	58.271	ug/l	98
94) Hexachlorobutadiene	15.255	225	105352	57.068	ug/l	99
95) Naphthalene	15.384	128	331908	57.706	ug/l	100
96) 1,2,3-Trichlorobenzene	15.579	180	162335	58.580	ug/l	98

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

