

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121521\
 Data File : VD071333.D
 Acq On : 15 Dec 2021 10:09
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Quant Time: Dec 16 04:23:37 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

Manual Integrations APPROVED

Reviewed By : Semsettin Yesilyurt 12/16/2021
 Supervised By : Mahesh Dadoda 12/21/2021

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	275439	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	455678	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	422914	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	211462	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	168777	52.221	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 104.440%			
35) Dibromofluoromethane	7.908	113	160493	55.310	ug/l	-0.01
Spiked Amount 50.000	Range 54 - 147		Recovery = 110.620%			
50) Toluene-d8	10.332	98	559971	50.711	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 101.420%			
62) 4-Bromofluorobenzene	12.626	95	208714	54.527	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 109.060%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.991	85	95905	40.830	ug/l	95
3) Chloromethane	2.209	50	159702	51.393	ug/l	99
4) Vinyl Chloride	2.350	62	190892	55.062	ug/l	97
5) Bromomethane	2.773	94	133865	53.564	ug/l	100
6) Chloroethane	2.926	64	142736	59.861	ug/l	90
7) Trichlorofluoromethane	3.279	101	239647	51.027	ug/l	98
8) Diethyl Ether	3.703	74	65720	51.618	ug/l	88
9) 1,1,2-Trichlorotrifluo...	4.097	101	143674	51.853	ug/l	94
10) Methyl Iodide	4.303	142	134369	42.471	ug/l	97
11) Tert butyl alcohol	5.208	59	65616	330.751	ug/l #	84
12) 1,1-Dichloroethene	4.067	96	122261	47.814	ug/l	84
13) Acrolein	3.926	56	70361	318.575	ug/l	98
14) Allyl chloride	4.714	41	243457	50.126	ug/l #	77
15) Acrylonitrile	5.420	53	183009	295.559	ug/l	96
16) Acetone	4.156	43	238201	274.163	ug/l #	82
17) Carbon Disulfide	4.409	76	323930	43.269	ug/l #	95
18) Methyl Acetate	4.714	43	131392	55.100	ug/l	94
19) Methyl tert-butyl Ether	5.479	73	345328	55.107	ug/l	96
20) Methylene Chloride	4.967	84	165489	50.810	ug/l	89
21) trans-1,2-Dichloroethene	5.473	96	149089	51.797	ug/l	93
22) Diisopropyl ether	6.361	45	552200	56.747	ug/l	92
23) Vinyl Acetate	6.303	43	1324509	251.516	ug/l	100
24) 1,1-Dichloroethane	6.255	63	310969	55.560	ug/l	97
25) 2-Butanone	7.208	43	262405	263.065	ug/l #	89
26) 2,2-Dichloropropane	7.208	77	256173	50.334	ug/l	96
27) cis-1,2-Dichloroethene	7.208	96	173747	53.356	ug/l	88
28) Bromochloromethane	7.544	49	134124	55.172	ug/l	89
29) Tetrahydrofuran	7.555	42	152647	297.440	ug/l	92
30) Chloroform	7.708	83	318802	56.755	ug/l	98
31) Cyclohexane	7.985	56	249957	45.467	ug/l	97
32) 1,1,1-Trichloroethane	7.897	97	275958	54.719	ug/l #	94
36) 1,1-Dichloropropene	8.108	75	229096	53.792	ug/l	97
37) Ethyl Acetate	7.291	43	105409	57.297	ug/l #	75
38) Carbon Tetrachloride	8.097	117	235019	55.981	ug/l	99
39) Methylcyclohexane	9.349	83	246246	48.071	ug/l	99
40) Benzene	8.350	78	626958	54.196	ug/l	99

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41) Methacrylonitrile	7.520	41	63662	66.408	ug/l #	77
42) 1,2-Dichloroethane	8.420	62	209802	59.414	ug/l	94
43) Isopropyl Acetate	8.444	43	212059	52.137	ug/l	89
44) Trichloroethene	9.108	130	161474	52.351	ug/l	98
45) 1,2-Dichloropropane	9.379	63	174496	57.357	ug/l	99
46) Dibromomethane	9.473	93	91902	58.225	ug/l	92
47) Bromodichloromethane	9.655	83	245583	58.833	ug/l	98
48) Methyl methacrylate	9.449	41	107107	59.478	ug/l #	79
49) 1,4-Dioxane	9.449	88	19485	1278.855	ug/l	95
51) 4-Methyl-2-Pentanone	10.220	43	561064	267.950	ug/l	91
52) Toluene	10.396	92	404654	55.130	ug/l	98
53) t-1,3-Dichloropropene	10.614	75	214396	55.864	ug/l	94
54) cis-1,3-Dichloropropene	10.085	75	251023	55.064	ug/l #	83
55) 1,1,2-Trichloroethane	10.791	97	122652	59.235	ug/l	97
56) Ethyl methacrylate	10.655	69	149850	50.238	ug/l #	75
57) 1,3-Dichloropropane	10.938	76	215619	59.277	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.932	63	380997	270.400	ug/l	99
59) 2-Hexanone	10.979	43	411332	261.328	ug/l	89
60) Dibromochloromethane	11.132	129	154707	60.117	ug/l	99
61) 1,2-Dibromoethane	11.238	107	112529	56.586	ug/l	99
64) Tetrachloroethene	10.867	164	131525	48.988	ug/l	93
65) Chlorobenzene	11.661	112	424689	54.122	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.738	131	161918	56.514	ug/l	99
67) Ethyl Benzene	11.738	91	807793	54.684	ug/l	100
68) m/p-Xylenes	11.843	106	604915	108.468	ug/l	96
69) o-Xylene	12.173	106	279861	53.392	ug/l	94
70) Styrene	12.185	104	489399	55.399	ug/l	96
71) Bromoform	12.355	173	87433	58.906	ug/l #	99
73) Isopropylbenzene	12.473	105	777425	50.774	ug/l	100
74) N-amyl acetate	12.279	43	198568	47.667	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.720	83	139064	55.151	ug/l	98
76) 1,2,3-Trichloropropane	12.767	75	94352m	46.831	ug/l	
77) Bromobenzene	12.749	156	169660	51.157	ug/l	96
78) n-propylbenzene	12.808	91	968648	50.799	ug/l	100
79) 2-Chlorotoluene	12.896	91	536254	50.107	ug/l	100
80) 1,3,5-Trimethylbenzene	12.949	105	641657	50.820	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.520	75	38738	45.552	ug/l #	74
82) 4-Chlorotoluene	12.996	91	564299	50.790	ug/l	99
83) tert-Butylbenzene	13.214	119	548995	50.629	ug/l	97
84) 1,2,4-Trimethylbenzene	13.255	105	636734	51.653	ug/l	98
85) sec-Butylbenzene	13.390	105	848647	51.242	ug/l	100
86) p-Isopropyltoluene	13.502	119	706542	52.160	ug/l	97
87) 1,3-Dichlorobenzene	13.508	146	337833	51.172	ug/l	98
88) 1,4-Dichlorobenzene	13.585	146	338723	51.786	ug/l	99
89) n-Butylbenzene	13.832	91	686490	51.916	ug/l	99
90) Hexachloroethane	14.096	117	137205	53.433	ug/l	93
91) 1,2-Dichlorobenzene	13.879	146	301201	53.649	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.490	75	22046	53.688	ug/l	97
93) 1,2,4-Trichlorobenzene	15.143	180	182044	51.982	ug/l	97
94) Hexachlorobutadiene	15.249	225	100758	50.850	ug/l	98
95) Naphthalene	15.384	128	329929	53.442	ug/l	100
96) 1,2,3-Trichlorobenzene	15.579	180	155057	52.130	ug/l	99

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

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