

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD123021\
 Data File : VD071559.D
 Acq On : 30 Dec 2021 19:55
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.01G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Dec 31 06:57:57 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

Manual Integrations APPROVED

Reviewed By : Semsettin Yesilyurt 12/31/2021
 Supervised By : Mahesh Dadoda 01/02/2022

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	324584	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	549004	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	525217	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	262455	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	247457	57.405	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 114.800%			
35) Dibromofluoromethane	7.914	113	209753	56.848	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 113.700%			
50) Toluene-d8	10.338	98	740303	53.093	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 106.180%			
62) 4-Bromofluorobenzene	12.620	95	278667	56.241	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 112.480%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.991	85	139844	41.117	ug/l	97
3) Chloromethane	2.209	50	200054	45.936	ug/l	100
4) Vinyl Chloride	2.350	62	222295	42.594	ug/l	98
5) Bromomethane	2.768	94	148542	40.685	ug/l	99
6) Chloroethane	2.921	64	165155	47.684	ug/l	91
7) Trichlorofluoromethane	3.273	101	303436	47.493	ug/l	96
8) Diethyl Ether	3.709	74	101021	55.231	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.097	101	175840	47.307	ug/l	98
10) Methyl Iodide	4.303	142	160469	44.393	ug/l	96
11) Tert butyl alcohol	5.220	59	70053	207.702	ug/l	99
12) 1,1-Dichloroethene	4.068	96	159060	47.036	ug/l #	77
13) Acrolein	3.926	56	45004	216.118	ug/l	95
14) Allyl chloride	4.715	41	326541	51.053	ug/l #	79
15) Acrylonitrile	5.415	53	275229	305.554	ug/l	96
16) Acetone	4.156	43	306174	282.769	ug/l #	87
17) Carbon Disulfide	4.409	76	436103	39.580	ug/l	98
18) Methyl Acetate	4.715	43	204507	61.193	ug/l	93
19) Methyl tert-butyl Ether	5.479	73	512255	58.681	ug/l	98
20) Methylene Chloride	4.968	84	227081	56.200	ug/l	88
21) trans-1,2-Dichloroethene	5.473	96	185990	47.485	ug/l	86
22) Diisopropyl ether	6.362	45	738183	56.692	ug/l	92
23) Vinyl Acetate	6.303	43	1947044	290.064	ug/l	97
24) 1,1-Dichloroethane	6.267	63	392391	52.566	ug/l	99
25) 2-Butanone	7.209	43	384084	296.975	ug/l	92
26) 2,2-Dichloropropane	7.209	77	310597	50.640	ug/l	96
27) cis-1,2-Dichloroethene	7.209	96	231836	53.514	ug/l	92
28) Bromochloromethane	7.544	49	149767	48.960	ug/l	90
29) Tetrahydrofuran	7.562	42	245370	315.985	ug/l	92
30) Chloroform	7.703	83	408504	54.236	ug/l	100
31) Cyclohexane	7.985	56	313363	42.792	ug/l	97
32) 1,1,1-Trichloroethane	7.903	97	349636	52.341	ug/l	94
36) 1,1-Dichloropropene	8.109	75	287570	48.783	ug/l	96
37) Ethyl Acetate	7.291	43	165000	60.629	ug/l #	92
38) Carbon Tetrachloride	8.097	117	299207	51.447	ug/l	98
39) Methylcyclohexane	9.350	83	309686	44.879	ug/l	99
40) Benzene	8.350	78	812874	51.295	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.520	41	96837	59.906	ug/l #	79
42) 1,2-Dichloroethane	8.420	62	292526	56.609	ug/l	93
43) Isopropyl Acetate	8.450	43	328622	60.847	ug/l #	87
44) Trichloroethene	9.108	130	212538	51.467	ug/l	99
45) 1,2-Dichloropropane	9.385	63	225207	54.767	ug/l	99
46) Dibromomethane	9.473	93	128458	56.544	ug/l	94
47) Bromodichloromethane	9.656	83	325799	56.485	ug/l	97
48) Methyl methacrylate	9.450	41	150402	56.276	ug/l #	79
49) 1,4-Dioxane	9.456	88	32213	1254.776	ug/l #	93
51) 4-Methyl-2-Pentanone	10.220	43	882760	310.677	ug/l	89
52) Toluene	10.397	92	529050	52.555	ug/l	96
53) t-1,3-Dichloropropene	10.614	75	309918	57.541	ug/l	100
54) cis-1,3-Dichloropropene	10.085	75	342759	55.071	ug/l #	78
55) 1,1,2-Trichloroethane	10.791	97	171428	59.448	ug/l	97
56) Ethyl methacrylate	10.655	69	234094	61.690	ug/l #	74
57) 1,3-Dichloropropane	10.938	76	301614	57.102	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.938	63	542360	298.374	ug/l	100
59) 2-Hexanone	10.979	43	628141	312.748	ug/l	89
60) Dibromochloromethane	11.132	129	216465	59.715	ug/l	99
61) 1,2-Dibromoethane	11.238	107	165313	57.880	ug/l	100
64) Tetrachloroethene	10.873	164	172348	47.221	ug/l	95
65) Chlorobenzene	11.661	112	558267	51.819	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.738	131	214017	54.378	ug/l	98
67) Ethyl Benzene	11.738	91	1023754	51.060	ug/l	99
68) m/p-Xylenes	11.844	106	770061	101.093	ug/l	92
69) o-Xylene	12.173	106	374932	53.848	ug/l	95
70) Styrene	12.185	104	646793	53.472	ug/l	95
71) Bromoform	12.350	173	129510	60.810	ug/l #	96
73) Isopropylbenzene	12.473	105	994442	49.147	ug/l	99
74) N-amyl acetate	12.279	43	305128	56.207	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.720	83	206093	56.337	ug/l	99
76) 1,2,3-Trichloropropane	12.773	75	170426m	54.651	ug/l	
77) Bromobenzene	12.749	156	225690	50.125	ug/l	97
78) n-propylbenzene	12.808	91	1218976	48.062	ug/l	100
79) 2-Chlorotoluene	12.897	91	705175	49.751	ug/l	99
80) 1,3,5-Trimethylbenzene	12.949	105	840895	50.384	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.520	75	56900	51.556	ug/l #	76
82) 4-Chlorotoluene	12.997	91	730629	49.695	ug/l	100
83) tert-Butylbenzene	13.214	119	700770	49.138	ug/l	97
84) 1,2,4-Trimethylbenzene	13.255	105	840394	50.878	ug/l	97
85) sec-Butylbenzene	13.391	105	1052700	48.419	ug/l	100
86) p-Isopropyltoluene	13.502	119	879342	48.744	ug/l	97
87) 1,3-Dichlorobenzene	13.502	146	447117	49.309	ug/l	97
88) 1,4-Dichlorobenzene	13.585	146	446588	50.228	ug/l	98
89) n-Butylbenzene	13.832	91	836407	47.238	ug/l	99
90) Hexachloroethane	14.096	117	170857	49.996	ug/l	90
91) 1,2-Dichlorobenzene	13.879	146	404800	52.601	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.491	75	34504	54.388	ug/l	98
93) 1,2,4-Trichlorobenzene	15.143	180	242627	51.737	ug/l	97
94) Hexachlorobutadiene	15.249	225	118702	47.249	ug/l	97
95) Naphthalene	15.385	128	507073	56.806	ug/l	99
96) 1,2,3-Trichlorobenzene	15.579	180	211900	52.241	ug/l	96

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

