

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121021\
 Data File : VD071261.D
 Acq On : 10 Dec 2021 19:39
 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

Quant Time: Dec 11 04:43:13 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

12/12/2021
 Supervised By : Mahesh
 Dadoda

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	207671	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	359857	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	343123	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	171036	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.332	65	126152	51.77	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 103.54%	
35) Dibromofluoromethane	7.914	113	118696	51.80	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.60%	
50) Toluene-d8	10.338	98	406219	46.58	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 93.16%	
62) 4-Bromofluorobenzene	12.626	95	150855	49.91	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 99.82%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.991	85	71425	40.33	ug/l	98
3) Chloromethane	2.215	50	127551	54.44	ug/l	97
4) Vinyl Chloride	2.356	62	141389	54.09	ug/l	99
5) Bromomethane	2.774	94	101660	53.95	ug/l	99
6) Chloroethane	2.926	64	104816	58.30	ug/l	94
7) Trichlorofluoromethane	3.279	101	174492	49.28	ug/l	98
8) Diethyl Ether	3.721	74	51169	53.30	ug/l	92
9) 1,1,2-Trichlorotrifluo...	4.103	101	100820	48.26	ug/l	97
10) Methyl Iodide	4.303	142	88546	37.70	ug/l	95
11) Tert butyl alcohol	5.209	59	43075	281.61	ug/l #	85
12) 1,1-Dichloroethene	4.073	96	89884	46.62	ug/l #	83
13) Acrolein	3.932	56	23671	142.15	ug/l	100
14) Allyl chloride	4.715	41	184639	50.42	ug/l #	80
15) Acrylonitrile	5.415	53	136395	292.16	ug/l	96
16) Acetone	4.162	43	161730	249.95	ug/l #	87
17) Carbon Disulfide	4.415	76	247893	43.92	ug/l	98
18) Methyl Acetate	4.726	43	99699	55.45	ug/l	96
19) Methyl tert-butyl Ether	5.479	73	256129	54.21	ug/l	97
20) Methylene Chloride	4.973	84	146598	60.49	ug/l	88
21) trans-1,2-Dichloroethene	5.473	96	108534	50.01	ug/l	87
22) Diisopropyl ether	6.367	45	415016	56.57	ug/l	93
23) Vinyl Acetate	6.309	43	955643	241.86	ug/l	98
24) 1,1-Dichloroethane	6.267	63	230824	54.70	ug/l	98
25) 2-Butanone	7.214	43	185561	248.49	ug/l #	87
26) 2,2-Dichloropropane	7.209	77	176945	46.11	ug/l	98
27) cis-1,2-Dichloroethene	7.209	96	131400	53.52	ug/l	91
28) Bromochloromethane	7.550	49	109115	59.53	ug/l	91
29) Tetrahydrofuran	7.561	42	111164	287.29	ug/l	93
30) Chloroform	7.709	83	242691	57.30	ug/l	98
31) Cyclohexane	7.991	56	180351	43.51	ug/l	98
32) 1,1,1-Trichloroethane	7.903	97	200957	52.85	ug/l #	93
36) 1,1-Dichloropropene	8.109	75	164800	49.00	ug/l	97
37) Ethyl Acetate	7.297	43	77646	53.44	ug/l #	90
38) Carbon Tetrachloride	8.097	117	169455	51.11	ug/l	95
39) Methylcyclohexane	9.356	83	178278	44.07	ug/l	98
40) Benzene	8.350	78	476126	52.12	ug/l	97

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41) Methacrylonitrile	7.526	41	43509	59.69	ug/l #	85
42) 1,2-Dichloroethane	8.426	62	159923	57.35	ug/l	94
43) Isopropyl Acetate	8.450	43	154775	48.58	ug/l	91
44) Trichloroethene	9.108	130	122747	50.39	ug/l	92
45) 1,2-Dichloropropane	9.385	63	134749	56.09	ug/l	94
46) Dibromomethane	9.473	93	68436	54.90	ug/l	94
47) Bromodichloromethane	9.656	83	188236	57.10	ug/l	98
48) Methyl methacrylate	9.456	41	72562	51.02	ug/l #	86
49) 1,4-Dioxane	9.456	88	13194	1096.54	ug/l	92
51) 4-Methyl-2-Pentanone	10.226	43	409270	249.84	ug/l	91
52) Toluene	10.403	92	304525	52.54	ug/l	99
53) t-1,3-Dichloropropene	10.614	75	162778	53.71	ug/l	97
54) cis-1,3-Dichloropropene	10.085	75	194626	54.06	ug/l #	82
55) 1,1,2-Trichloroethane	10.797	97	93484	57.17	ug/l	94
56) Ethyl methacrylate	10.655	69	113650	48.48	ug/l #	74
57) 1,3-Dichloropropane	10.944	76	163104	56.78	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.938	63	337270	303.10	ug/l	99
59) 2-Hexanone	10.979	43	296379	241.46	ug/l	87
60) Dibromochloromethane	11.132	129	117983	58.05	ug/l	98
61) 1,2-Dibromoethane	11.238	107	88562	56.39	ug/l	98
64) Tetrachloroethene	10.873	164	101191	46.45	ug/l	94
65) Chlorobenzene	11.661	112	328769	51.64	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.738	131	124993	53.77	ug/l	98
67) Ethyl Benzene	11.738	91	596095	49.74	ug/l	100
68) m/p-Xylenes	11.844	106	456405	100.87	ug/l	96
69) o-Xylene	12.173	106	213811	50.28	ug/l	95
70) Styrene	12.185	104	381100	53.17	ug/l	98
71) Bromoform	12.355	173	64795	53.81	ug/l #	97
73) Isopropylbenzene	12.473	105	582671	47.05	ug/l	98
74) N-amyl acetate	12.279	43	143956	43.32	ug/l	90
75) 1,1,2,2-Tetrachloroethane	12.720	83	108315	53.11	ug/l	97
76) 1,2,3-Trichloropropane	12.773	75	74440m	45.68	ug/l	
77) Bromobenzene	12.749	156	130383	48.61	ug/l	99
78) n-propylbenzene	12.808	91	722551	46.85	ug/l	100
79) 2-Chlorotoluene	12.897	91	412949	47.71	ug/l	100
80) 1,3,5-Trimethylbenzene	12.949	105	488433	47.83	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.520	75	28261	41.65	ug/l #	80
82) 4-Chlorotoluene	12.997	91	430407	47.89	ug/l	100
83) tert-Butylbenzene	13.214	119	416998	47.55	ug/l	96
84) 1,2,4-Trimethylbenzene	13.261	105	488201	48.96	ug/l	98
85) sec-Butylbenzene	13.391	105	638053	47.63	ug/l	100
86) p-Isopropyltoluene	13.502	119	519892	47.45	ug/l	98
87) 1,3-Dichlorobenzene	13.502	146	262391	49.14	ug/l	99
88) 1,4-Dichlorobenzene	13.585	146	263644	49.83	ug/l	100
89) n-Butylbenzene	13.832	91	503060	47.04	ug/l	98
90) Hexachloroethane	14.096	117	102511	49.36	ug/l	92
91) 1,2-Dichlorobenzene	13.879	146	228955	50.42	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.496	75	16861	50.77	ug/l	96
93) 1,2,4-Trichlorobenzene	15.143	180	135451	47.82	ug/l	99
94) Hexachlorobutadiene	15.249	225	74333	46.38	ug/l	96
95) Naphthalene	15.385	128	248106	49.69	ug/l	99
96) 1,2,3-Trichlorobenzene	15.579	180	117508	48.84	ug/l	97

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

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