

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121721\
 Data File : VD071386.D
 Acq On : 17 Dec 2021 18:58
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Dec 19 01:54:16 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

Supervised By : Mahesh
 Dated : 12/22/2021
 Date : 12/22/2021

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.967	168	269059	50.000	ug/l	-0.02
34) 1,4-Difluorobenzene	8.856	114	456664	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	437397	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	228023	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	168914	53.503	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 107.000%	
35) Dibromofluoromethane	7.903	113	157064	54.011	ug/l	-0.02
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.020%	
50) Toluene-d8	10.332	98	518640	46.866	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 93.740%	
62) 4-Bromofluorobenzene	12.620	95	205773	53.642	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 107.280%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.991	85	89254	38.900	ug/l 97
3) Chloromethane	2.209	50	146736	48.340	ug/l 98
4) Vinyl Chloride	2.350	62	182929	54.016	ug/l 98
5) Bromomethane	2.768	94	123482	50.581	ug/l 98
6) Chloroethane	2.921	64	132029	56.683	ug/l 96
7) Trichlorofluoromethane	3.273	101	224218	48.874	ug/l 97
8) Diethyl Ether	3.709	74	70744	56.881	ug/l 92
9) 1,1,2-Trichlorotrifluo...	4.091	101	134277	49.610	ug/l 98
10) Methyl Iodide	4.297	142	121233	39.576	ug/l 96
11) Tert butyl alcohol	5.220	59	62953	324.141	ug/l # 89
12) 1,1-Dichloroethene	4.068	96	114918	46.008	ug/l # 81
13) Acrolein	3.921	56	53251	246.823	ug/l 100
14) Allyl chloride	4.709	41	238397	50.248	ug/l # 80
15) Acrylonitrile	5.415	53	206268	341.021	ug/l 99
16) Acetone	4.150	43	257357	299.969	ug/l # 88
17) Carbon Disulfide	4.403	76	297745	40.714	ug/l 100
18) Methyl Acetate	4.709	43	148705	63.839	ug/l 94
19) Methyl tert-butyl Ether	5.473	73	367190	59.985	ug/l 96
20) Methylene Chloride	4.956	84	163976	51.605	ug/l 84
21) trans-1,2-Dichloroethene	5.462	96	134230	47.740	ug/l 89
22) Diisopropyl ether	6.356	45	557558	58.656	ug/l 94
23) Vinyl Acetate	6.297	43	1406309	271.016	ug/l 98
24) 1,1-Dichloroethane	6.256	63	297958	54.498	ug/l 99
25) 2-Butanone	7.203	43	291822	295.566	ug/l 89
26) 2,2-Dichloropropane	7.203	77	239540	48.182	ug/l 95
27) cis-1,2-Dichloroethene	7.203	96	170817	53.700	ug/l 92
28) Bromochloromethane	7.544	49	131928	55.556	ug/l 87
29) Tetrahydrofuran	7.556	42	170614	340.332	ug/l 94
30) Chloroform	7.703	83	306157	55.797	ug/l 96
31) Cyclohexane	7.979	56	233779	43.533	ug/l 98
32) 1,1,1-Trichloroethane	7.897	97	260210	52.820	ug/l # 93
36) 1,1-Dichloropropene	8.103	75	215026	50.380	ug/l 96
37) Ethyl Acetate	7.285	43	119883	65.024	ug/l # 93
38) Carbon Tetrachloride	8.091	117	225179	53.521	ug/l 100
39) Methylcyclohexane	9.350	83	231587	45.112	ug/l 95
40) Benzene	8.344	78	601752	51.905	ug/l 98

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Sampled By : Mahesh
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.514	41	77482	76.253	ug/l #	73
42) 1,2-Dichloroethane	8.414	62	209828	59.293	ug/l	93
43) Isopropyl Acetate	8.444	43	227604	55.467	ug/l #	89
44) Trichloroethene	9.103	130	151237	48.926	ug/l	92
45) 1,2-Dichloropropane	9.379	63	168879	55.391	ug/l	95
46) Dibromomethane	9.467	93	94564	59.783	ug/l	93
47) Bromodichloromethane	9.656	83	246563	58.941	ug/l	98
48) Methyl methacrylate	9.450	41	115821	64.178	ug/l #	80
49) 1,4-Dioxane	9.456	88	21615	1415.589	ug/l #	93
51) 4-Methyl-2-Pentanone	10.220	43	640496	300.960	ug/l	89
52) Toluene	10.397	92	387355	52.659	ug/l	99
53) t-1,3-Dichloropropene	10.614	75	220138	57.236	ug/l	100
54) cis-1,3-Dichloropropene	10.079	75	255118	55.842	ug/l #	84
55) 1,1,2-Trichloroethane	10.791	97	129568	62.440	ug/l	94
56) Ethyl methacrylate	10.650	69	162949	54.004	ug/l #	71
57) 1,3-Dichloropropane	10.938	76	222848	61.132	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.932	63	417301	295.526	ug/l	100
59) 2-Hexanone	10.973	43	469426	292.795	ug/l	87
60) Dibromochloromethane	11.132	129	160180	62.109	ug/l	100
61) 1,2-Dibromoethane	11.232	107	120533	60.480	ug/l	98
64) Tetrachloroethene	10.867	164	124920	44.987	ug/l	95
65) Chlorobenzene	11.661	112	429251	52.892	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.732	131	163371	55.133	ug/l	99
67) Ethyl Benzene	11.738	91	765436	50.101	ug/l	99
68) m/p-Xylenes	11.844	106	578814	100.351	ug/l	95
69) o-Xylene	12.173	106	273092	50.376	ug/l	96
70) Styrene	12.185	104	490285	53.662	ug/l	98
71) Bromoform	12.349	173	94252	61.397	ug/l #	100
73) Isopropylbenzene	12.467	105	743845	45.052	ug/l	99
74) N-amyl acetate	12.279	43	219903	48.801	ug/l	89
75) 1,1,2,2-Tetrachloroethane	12.720	83	154584	56.854	ug/l	100
76) 1,2,3-Trichloropropane	12.767	75	113993m	52.471	ug/l	
77) Bromobenzene	12.749	156	167710	46.896	ug/l	94
78) n-propylbenzene	12.808	91	932269	45.341	ug/l	100
79) 2-Chlorotoluene	12.897	91	525846	45.566	ug/l	100
80) 1,3,5-Trimethylbenzene	12.949	105	633554	46.533	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.520	75	44350	48.007	ug/l #	79
82) 4-Chlorotoluene	12.991	91	556294	46.433	ug/l	100
83) tert-Butylbenzene	13.214	119	548069	46.873	ug/l	98
84) 1,2,4-Trimethylbenzene	13.255	105	624336	46.969	ug/l	99
85) sec-Butylbenzene	13.391	105	823805	46.129	ug/l	99
86) p-Isopropyltoluene	13.502	119	675137	46.221	ug/l	97
87) 1,3-Dichlorobenzene	13.502	146	344852	48.441	ug/l	98
88) 1,4-Dichlorobenzene	13.579	146	345856	49.036	ug/l	100
89) n-Butylbenzene	13.826	91	667895	46.841	ug/l	98
90) Hexachloroethane	14.096	117	133555	48.234	ug/l	93
91) 1,2-Dichlorobenzene	13.873	146	301724	49.839	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.491	75	26226	59.229	ug/l	93
93) 1,2,4-Trichlorobenzene	15.143	180	187005	49.520	ug/l	98
94) Hexachlorobutadiene	15.249	225	95539	44.714	ug/l	98
95) Naphthalene	15.379	128	364623	54.773	ug/l	99
96) 1,2,3-Trichlorobenzene	15.579	180	166665	51.963	ug/l	98

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

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