

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121421\
 Data File : VD071311.D
 Acq On : 14 Dec 2021 10:47
 Operator : VA/SY
 Sample : VD1214SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/soil
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1214SBS01

Quant Time: Dec 15 08:24:57 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 12/15/2021
 Supervised By :Mahesh Dadoda 12/17/2021

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	269620	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	467875	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	427299	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	218359	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	162198	51.269	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 102.540%			
35) Dibromofluoromethane	7.914	113	149593	50.209	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 100.420%			
50) Toluene-d8	10.337	98	512207	45.176	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 90.360%			
62) 4-Bromofluorobenzene	12.626	95	192404	48.955	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 97.920%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.991	85	47580	20.694	ug/l	98
3) Chloromethane	2.214	50	69378	22.808	ug/l	96
4) Vinyl Chloride	2.350	62	81325	23.964	ug/l	99
5) Bromomethane	2.761	94	56234	22.987	ug/l	99
6) Chloroethane	2.914	64	53971	23.123	ug/l #	81
7) Trichlorofluoromethane	3.273	101	93450	20.327	ug/l	96
8) Diethyl Ether	3.708	74	24202	19.419	ug/l	90
9) 1,1,2-Trichlorotrifluo...	4.102	101	56520	20.839	ug/l	93
10) Methyl Iodide	4.302	142	35467	14.783	ug/l	96
11) Tert butyl alcohol	5.197	59	37748	161.968	ug/l #	79
12) 1,1-Dichloroethene	4.067	96	47206	18.860	ug/l #	83
13) Acrolein	3.920	56	20687	95.687	ug/l	97
14) Allyl chloride	4.720	41	91041	19.149	ug/l #	79
15) Acrylonitrile	5.426	53	69286	114.312	ug/l	97
16) Acetone	4.155	43	67950	101.718	ug/l	97
17) Carbon Disulfide	4.414	76	137314	18.737	ug/l	99
18) Methyl Acetate	4.726	43	54556	23.372	ug/l	95
19) Methyl tert-butyl Ether	5.479	73	124628	20.317	ug/l	93
20) Methylene Chloride	4.961	84	72957	20.379	ug/l #	87
21) trans-1,2-Dichloroethene	5.473	96	55310	19.631	ug/l	88
22) Diisopropyl ether	6.361	45	191835	20.139	ug/l #	89
23) Vinyl Acetate	6.308	43	355774	88.767	ug/l	95
24) 1,1-Dichloroethane	6.267	63	111642	20.377	ug/l	98
25) 2-Butanone	7.214	43	91773	112.216	ug/l #	86
26) 2,2-Dichloropropane	7.214	77	88691	17.802	ug/l	96
27) cis-1,2-Dichloroethene	7.208	96	61732	19.367	ug/l	89
28) Bromochloromethane	7.543	49	56436	23.716	ug/l	91
29) Tetrahydrofuran	7.567	42	55152	109.786	ug/l	93
30) Chloroform	7.708	83	111938	20.358	ug/l	99
31) Cyclohexane	7.985	56	98248	18.257	ug/l	92
32) 1,1,1-Trichloroethane	7.896	97	97678	19.787	ug/l #	93
36) 1,1-Dichloropropene	8.108	75	83413	19.075	ug/l	97
37) Ethyl Acetate	7.291	43	39697	21.016	ug/l	96
38) Carbon Tetrachloride	8.096	117	84333	19.564	ug/l	98
39) Methylcyclohexane	9.355	83	91387	17.375	ug/l	98
40) Benzene	8.349	78	225448	18.980	ug/l	99

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41) Methacrylonitrile	7.526	41	23787	28.322	ug/l #	74
42) 1,2-Dichloroethane	8.420	62	80209	22.122	ug/l	91
43) Isopropyl Acetate	8.449	43	76119	21.624	ug/l #	89
44) Trichloroethene	9.108	130	60050	18.961	ug/l	94
45) 1,2-Dichloropropane	9.385	63	62661	20.060	ug/l	98
46) Dibromomethane	9.473	93	34906	21.539	ug/l	90
47) Bromodichloromethane	9.661	83	88682	20.691	ug/l	99
48) Methyl methacrylate	9.449	41	37673	20.375	ug/l #	81
49) 1,4-Dioxane	9.461	88	7138	456.274	ug/l #	89
51) 4-Methyl-2-Pentanone	10.226	43	197673	112.077	ug/l	90
52) Toluene	10.402	92	142132	18.859	ug/l	100
53) t-1,3-Dichloropropene	10.614	75	75333	19.117	ug/l	99
54) cis-1,3-Dichloropropene	10.085	75	89158	19.048	ug/l #	82
55) 1,1,2-Trichloroethane	10.790	97	44140	20.762	ug/l	96
56) Ethyl methacrylate	10.655	69	50849	20.600	ug/l #	68
57) 1,3-Dichloropropane	10.943	76	78463	21.008	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.937	63	170722	118.006	ug/l	97
59) 2-Hexanone	10.979	43	139150	109.283	ug/l	86
60) Dibromochloromethane	11.137	129	54491	20.622	ug/l	98
61) 1,2-Dibromoethane	11.237	107	40462	19.816	ug/l	93
64) Tetrachloroethene	10.873	164	50332	18.554	ug/l	98
65) Chlorobenzene	11.661	112	151475	19.106	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.737	131	56156	19.399	ug/l	98
67) Ethyl Benzene	11.737	91	270963	18.155	ug/l	99
68) m/p-Xylenes	11.849	106	206967	36.731	ug/l	96
69) o-Xylene	12.173	106	95109	17.959	ug/l	93
70) Styrene	12.184	104	168985	18.933	ug/l	97
71) Bromoform	12.355	173	31106	20.742	ug/l #	95
73) Isopropylbenzene	12.473	105	262607	16.609	ug/l	99
74) N-amyl acetate	12.279	43	69041	19.832	ug/l	89
75) 1,1,2,2-Tetrachloroethane	12.726	83	52387	20.120	ug/l	98
76) 1,2,3-Trichloropropane	12.773	75	37519m	18.034	ug/l	
77) Bromobenzene	12.749	156	60435	17.647	ug/l	97
78) n-propylbenzene	12.814	91	335838	17.056	ug/l	98
79) 2-Chlorotoluene	12.896	91	187485	16.965	ug/l	97
80) 1,3,5-Trimethylbenzene	12.949	105	218145	16.731	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.520	75	13825	19.521	ug/l #	76
82) 4-Chlorotoluene	12.996	91	195835	17.069	ug/l	99
83) tert-Butylbenzene	13.214	119	181674	16.225	ug/l	96
84) 1,2,4-Trimethylbenzene	13.261	105	211429	16.610	ug/l	99
85) sec-Butylbenzene	13.390	105	293040	17.135	ug/l	100
86) p-Isopropyltoluene	13.508	119	236660	16.919	ug/l	98
87) 1,3-Dichlorobenzene	13.508	146	121111	17.765	ug/l	98
88) 1,4-Dichlorobenzene	13.584	146	120476	17.837	ug/l	96
89) n-Butylbenzene	13.831	91	230417	16.875	ug/l	99
90) Hexachloroethane	14.102	117	47155	17.784	ug/l	92
91) 1,2-Dichlorobenzene	13.878	146	106723	18.409	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.490	75	7930	18.702	ug/l	97
93) 1,2,4-Trichlorobenzene	15.143	180	64212	17.756	ug/l	97
94) Hexachlorobutadiene	15.255	225	34758	16.987	ug/l	98
95) Naphthalene	15.384	128	110141	17.277	ug/l	99
96) 1,2,3-Trichlorobenzene	15.572	180	53270	17.344	ug/l	94

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

