

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD120221\
 Data File : VD071114.D
 Acq On : 02 Dec 2021 13:12
 Operator : VA/SY
 Sample : VD1202SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1202SBS01

Quant Time: Dec 03 00:35:57 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 12/07/2021
 Supervised By :Mahesh Dadoda 12/07/2021

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	255661	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.861	114	430032	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	396843	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	188800	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	150823	50.276	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 100.560%			
35) Dibromofluoromethane	7.914	113	146059	53.337	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 106.680%			
50) Toluene-d8	10.332	98	512844	49.212	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 98.420%			
62) 4-Bromofluorobenzene	12.620	95	184380	51.042	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 102.080%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.991	85	46642	21.393	ug/l	96
3) Chloromethane	2.209	50	66469	23.045	ug/l	99
4) Vinyl Chloride	2.350	62	74163	23.047	ug/l	99
5) Bromomethane	2.762	94	51245	22.091	ug/l	98
6) Chloroethane	2.921	64	53164	24.021	ug/l	95
7) Trichlorofluoromethane	3.274	101	89545	20.541	ug/l	100
8) Diethyl Ether	3.715	74	23723	20.074	ug/l	93
9) 1,1,2-Trichlorotrifluo...	4.103	101	53803	20.920	ug/l	95
10) Methyl Iodide	4.297	142	42390	17.446	ug/l	95
11) Tert butyl alcohol	5.191	59	39591	190.042	ug/l #	75
12) 1,1-Dichloroethene	4.068	96	45404	19.130	ug/l	89
13) Acrolein	3.921	56	21664	105.677	ug/l	100
14) Allyl chloride	4.709	41	87119	19.325	ug/l #	78
15) Acrylonitrile	5.415	53	55985	97.410	ug/l	96
16) Acetone	4.156	43	54063	90.305	ug/l #	79
17) Carbon Disulfide	4.415	76	141578	20.374	ug/l	99
18) Methyl Acetate	4.721	43	42186	19.060	ug/l	97
19) Methyl tert-butyl Ether	5.479	73	114886	19.751	ug/l	100
20) Methylene Chloride	4.962	84	65458	19.037	ug/l	87
21) trans-1,2-Dichloroethene	5.473	96	54383	20.355	ug/l	90
22) Diisopropyl ether	6.362	45	179084	19.827	ug/l	92
23) Vinyl Acetate	6.303	43	396501	99.558	ug/l	99
24) 1,1-Dichloroethane	6.262	63	108029	20.794	ug/l	98
25) 2-Butanone	7.209	43	72370	98.097	ug/l	98
26) 2,2-Dichloropropane	7.209	77	86109	18.228	ug/l	95
27) cis-1,2-Dichloroethene	7.209	96	61168	20.237	ug/l	93
28) Bromochloromethane	7.544	49	48904	21.673	ug/l	91
29) Tetrahydrofuran	7.562	42	47548	99.817	ug/l	92
30) Chloroform	7.709	83	107475	20.614	ug/l	96
31) Cyclohexane	7.979	56	98470	19.297	ug/l #	93
32) 1,1,1-Trichloroethane	7.903	97	91133	19.469	ug/l #	92
36) 1,1-Dichloropropene	8.109	75	80218	19.959	ug/l	97
37) Ethyl Acetate	7.297	43	31607	18.205	ug/l	97
38) Carbon Tetrachloride	8.097	117	80410	20.296	ug/l	95
39) Methylcyclohexane	9.356	83	94090	19.463	ug/l	98
40) Benzene	8.350	78	218674	20.030	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.514	41	15825	19.775	ug/l	91
42) 1,2-Dichloroethane	8.420	62	69274	20.788	ug/l	95
43) Isopropyl Acetate	8.444	43	66333	20.773	ug/l	91
44) Trichloroethene	9.108	130	58089	19.956	ug/l	99
45) 1,2-Dichloropropane	9.379	63	57977	20.194	ug/l	99
46) Dibromomethane	9.467	93	28985	19.459	ug/l	98
47) Bromodichloromethane	9.656	83	80544	20.446	ug/l	99
48) Methyl methacrylate	9.456	41	32563	19.161	ug/l #	82
49) 1,4-Dioxane	9.456	88	6028	419.229	ug/l #	90
51) 4-Methyl-2-Pentanone	10.220	43	164847	104.531	ug/l	91
52) Toluene	10.397	92	141666	20.452	ug/l	94
53) t-1,3-Dichloropropene	10.614	75	68601	18.941	ug/l	99
54) cis-1,3-Dichloropropene	10.085	75	83260	19.353	ug/l #	79
55) 1,1,2-Trichloroethane	10.791	97	39220	20.071	ug/l	93
56) Ethyl methacrylate	10.655	69	45877	20.331	ug/l #	72
57) 1,3-Dichloropropane	10.938	76	68564	19.974	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.938	63	142118	106.879	ug/l	98
59) 2-Hexanone	10.979	43	111943	99.965	ug/l	90
60) Dibromochloromethane	11.132	129	49289	20.295	ug/l	100
61) 1,2-Dibromoethane	11.238	107	37525	19.995	ug/l	98
64) Tetrachloroethene	10.873	164	49784	19.761	ug/l	98
65) Chlorobenzene	11.661	112	144148	19.577	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.738	131	52831	19.651	ug/l	98
67) Ethyl Benzene	11.738	91	268321	19.358	ug/l	99
68) m/p-Xylenes	11.844	106	203765	38.938	ug/l	97
69) o-Xylene	12.173	106	94862	19.287	ug/l	99
70) Styrene	12.185	104	159352	19.224	ug/l	98
71) Bromoform	12.350	173	26691	19.164	ug/l #	99
73) Isopropylbenzene	12.473	105	255043	18.656	ug/l	100
74) N-amyl acetate	12.279	43	59208	19.716	ug/l	91
75) 1,1,2,2-Tetrachloroethane	12.720	83	44836	19.916	ug/l	98
76) 1,2,3-Trichloropropane	12.773	75	35183m	19.559	ug/l	
77) Bromobenzene	12.749	156	56522	19.088	ug/l	95
78) n-propylbenzene	12.814	91	315050	18.506	ug/l	98
79) 2-Chlorotoluene	12.897	91	178277	18.658	ug/l	100
80) 1,3,5-Trimethylbenzene	12.949	105	210444	18.668	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.526	75	11805	19.350	ug/l #	79
82) 4-Chlorotoluene	12.997	91	188177	18.970	ug/l	99
83) tert-Butylbenzene	13.214	119	179284	18.519	ug/l	96
84) 1,2,4-Trimethylbenzene	13.261	105	207840	18.884	ug/l	100
85) sec-Butylbenzene	13.391	105	275896	18.658	ug/l	99
86) p-Isopropyltoluene	13.502	119	229496	18.976	ug/l	97
87) 1,3-Dichlorobenzene	13.508	146	111663	18.944	ug/l	98
88) 1,4-Dichlorobenzene	13.585	146	113454	19.428	ug/l	98
89) n-Butylbenzene	13.832	91	224031	18.976	ug/l	96
90) Hexachloroethane	14.096	117	43189	18.838	ug/l	92
91) 1,2-Dichlorobenzene	13.879	146	97838	19.518	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.485	75	6832	18.635	ug/l	99
93) 1,2,4-Trichlorobenzene	15.149	180	58609	18.744	ug/l	98
94) Hexachlorobutadiene	15.255	225	34171	19.315	ug/l	97
95) Naphthalene	15.379	128	101298	18.378	ug/l	100
96) 1,2,3-Trichlorobenzene	15.579	180	51089	19.238	ug/l	99

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

