

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD120321\
 Data File : VD071130.D
 Acq On : 03 Dec 2021 12:26
 Operator : VA/SY
 Sample : VD1203SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1203SBS01

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 12/04/2021
 Supervised By :Mahesh Dadoda 12/06/2021

Quant Time: Dec 04 03:49:43 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

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	250105	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	429196	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	399888	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	192853	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	155279	52.912	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 105.820%			
35) Dibromofluoromethane	7.908	113	142109	51.996	ug/l	-0.01
Spiked Amount 50.000	Range 54 - 147		Recovery = 104.000%			
50) Toluene-d8	10.338	98	500317	48.104	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 96.200%			
62) 4-Bromofluorobenzene	12.626	95	177427	49.213	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 98.420%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.991	85	42820	20.077	ug/l	99
3) Chloromethane	2.215	50	60363	21.393	ug/l	98
4) Vinyl Chloride	2.350	62	67135	21.326	ug/l	96
5) Bromomethane	2.762	94	49446	21.789	ug/l	96
6) Chloroethane	2.926	64	46188	21.332	ug/l	96
7) Trichlorofluoromethane	3.279	101	84102	19.721	ug/l	95
8) Diethyl Ether	3.703	74	24280	21.002	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.103	101	47359	18.823	ug/l	94
10) Methyl Iodide	4.297	142	42745	17.842	ug/l	96
11) Tert butyl alcohol	5.185	59	43356	223.533	ug/l #	71
12) 1,1-Dichloroethene	4.067	96	42779	18.425	ug/l	93
13) Acrolein	3.926	56	24339	121.363	ug/l	97
14) Allyl chloride	4.714	41	82670	18.745	ug/l #	81
15) Acrylonitrile	5.414	53	63731	113.351	ug/l	99
16) Acetone	4.156	43	60921	99.343	ug/l #	88
17) Carbon Disulfide	4.409	76	131368	19.325	ug/l	97
18) Methyl Acetate	4.720	43	47654	22.008	ug/l	94
19) Methyl tert-butyl Ether	5.467	73	115207	20.247	ug/l	98
20) Methylene Chloride	4.967	84	59484	17.360	ug/l	91
21) trans-1,2-Dichloroethene	5.473	96	52012	19.900	ug/l	96
22) Diisopropyl ether	6.361	45	169532	19.187	ug/l	91
23) Vinyl Acetate	6.303	43	405956	102.928	ug/l	98
24) 1,1-Dichloroethane	6.261	63	97878	19.259	ug/l	99
25) 2-Butanone	7.202	43	81889	109.023	ug/l #	86
26) 2,2-Dichloropropane	7.208	77	79497	17.202	ug/l	97
27) cis-1,2-Dichloroethene	7.208	96	56788	19.206	ug/l	93
28) Bromochloromethane	7.538	49	52197	23.646	ug/l	88
29) Tetrahydrofuran	7.561	42	52492	112.644	ug/l	92
30) Chloroform	7.702	83	99017	19.413	ug/l	100
31) Cyclohexane	7.979	56	91303	18.290	ug/l	90
32) 1,1,1-Trichloroethane	7.897	97	83923	18.327	ug/l	93
36) 1,1-Dichloropropene	8.108	75	73309	18.275	ug/l	95
37) Ethyl Acetate	7.285	43	36499	21.064	ug/l	95
38) Carbon Tetrachloride	8.097	117	72360	18.299	ug/l	96
39) Methylcyclohexane	9.349	83	86376	17.902	ug/l	98
40) Benzene	8.344	78	203603	18.686	ug/l	99

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41) Methacrylonitrile	7.526	41	20826m	26.998	ug/l	
42) 1,2-Dichloroethane	8.420	62	67942	20.428	ug/l	95
43) Isopropyl Acetate	8.450	43	70253	21.724	ug/l	91
44) Trichloroethene	9.108	130	52802	18.175	ug/l	95
45) 1,2-Dichloropropane	9.385	63	54821	19.132	ug/l	98
46) Dibromomethane	9.467	93	29562	19.885	ug/l	96
47) Bromodichloromethane	9.655	83	72959	18.557	ug/l	95
48) Methyl methacrylate	9.449	41	35433	20.891	ug/l #	81
49) 1,4-Dioxane	9.455	88	5966	415.725	ug/l #	87
51) 4-Methyl-2-Pentanone	10.220	43	179764	111.373	ug/l	90
52) Toluene	10.396	92	128567	18.597	ug/l	95
53) t-1,3-Dichloropropene	10.614	75	70625	19.538	ug/l	100
54) cis-1,3-Dichloropropene	10.085	75	80629	18.778	ug/l #	79
55) 1,1,2-Trichloroethane	10.791	97	39622	20.316	ug/l	92
56) Ethyl methacrylate	10.655	69	49346	21.447	ug/l #	77
57) 1,3-Dichloropropane	10.938	76	69094	20.167	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.938	63	169653	127.835	ug/l	99
59) 2-Hexanone	10.979	43	122254	106.127	ug/l	90
60) Dibromochloromethane	11.138	129	46870	19.337	ug/l	97
61) 1,2-Dibromoethane	11.243	107	36542	19.509	ug/l	93
64) Tetrachloroethene	10.873	164	43574	17.164	ug/l	96
65) Chlorobenzene	11.667	112	132401	17.845	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.738	131	50039	18.471	ug/l	98
67) Ethyl Benzene	11.738	91	241348	17.279	ug/l	100
68) m/p-Xylenes	11.843	106	184194	34.930	ug/l	95
69) o-Xylene	12.173	106	85136	17.178	ug/l	97
70) Styrene	12.185	104	148482	17.776	ug/l	98
71) Bromoform	12.349	173	29228	20.825	ug/l #	98
73) Isopropylbenzene	12.473	105	229204	16.414	ug/l	100
74) N-amyl acetate	12.279	43	61092	19.858	ug/l	91
75) 1,1,2,2-Tetrachloroethane	12.720	83	45745	19.893	ug/l	99
76) 1,2,3-Trichloropropane	12.773	75	33284m	18.115	ug/l	
77) Bromobenzene	12.755	156	51832	17.137	ug/l	95
78) n-propylbenzene	12.814	91	285983	16.445	ug/l	99
79) 2-Chlorotoluene	12.902	91	162789	16.679	ug/l	99
80) 1,3,5-Trimethylbenzene	12.955	105	190280	16.524	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.520	75	12013	19.299	ug/l #	70
82) 4-Chlorotoluene	12.996	91	170561	16.833	ug/l	99
83) tert-Butylbenzene	13.214	119	160505	16.230	ug/l	94
84) 1,2,4-Trimethylbenzene	13.261	105	185586	16.508	ug/l	98
85) sec-Butylbenzene	13.390	105	251804	16.671	ug/l	98
86) p-Isopropyltoluene	13.508	119	204305	16.538	ug/l	97
87) 1,3-Dichlorobenzene	13.508	146	104493	17.355	ug/l	98
88) 1,4-Dichlorobenzene	13.585	146	105245	17.643	ug/l	96
89) n-Butylbenzene	13.832	91	197120	16.346	ug/l	100
90) Hexachloroethane	14.102	117	38637	16.499	ug/l	96
91) 1,2-Dichlorobenzene	13.879	146	90429	17.661	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.496	75	7972	21.287	ug/l	95
93) 1,2,4-Trichlorobenzene	15.149	180	55396	17.345	ug/l	99
94) Hexachlorobutadiene	15.255	225	31669	17.525	ug/l	97
95) Naphthalene	15.384	128	103535	18.389	ug/l	99
96) 1,2,3-Trichlorobenzene	15.579	180	49806	18.360	ug/l	100

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

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