

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021122\
 Data File : VD071930.D
 Acq On : 11 Feb 2022 10:42
 Operator : VA/SY
 Sample : VD0211SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0211SBS01

Quant Time: Feb 11 23:55:03 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D012622S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 27 06:04:38 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 02/12/2022
 Supervised By :Mahesh Dadoda 02/15/2022

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	345210	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	577416	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	537775	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	268178	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	220117	50.448	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 100.900%			
35) Dibromofluoromethane	7.914	113	201248	53.022	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 106.040%			
50) Toluene-d8	10.338	98	717584	50.623	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 101.240%			
62) 4-Bromofluorobenzene	12.626	95	254342	51.381	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 102.760%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.991	85	85007	20.766	ug/l	92
3) Chloromethane	2.215	50	89395	18.240	ug/l	100
4) Vinyl Chloride	2.356	62	94701	18.456	ug/l	90
5) Bromomethane	2.768	94	66547	19.656	ug/l	92
6) Chloroethane	2.926	64	63172	19.427	ug/l	96
7) Trichlorofluoromethane	3.279	101	148222	20.157	ug/l	99
8) Diethyl Ether	3.715	74	35788	18.445	ug/l	92
9) 1,1,2-Trichlorotrifluo...	4.103	101	86301	20.802	ug/l	99
10) Methyl Iodide	4.309	142	71271	16.758	ug/l	98
11) Tert butyl alcohol	5.220	59	19961	42.261	ug/l #	92
12) 1,1-Dichloroethene	4.073	96	74379	19.612	ug/l	95
13) Acrolein	3.921	56	44875	115.793	ug/l	95
14) Allyl chloride	4.720	41	139597	19.310	ug/l	98
15) Acrylonitrile	5.420	53	101626	103.055	ug/l	98
16) Acetone	4.156	43	101977	85.379	ug/l	99
17) Carbon Disulfide	4.420	76	200177	15.137	ug/l	97
18) Methyl Acetate	4.726	43	53602	20.757	ug/l	99
19) Methyl tert-butyl Ether	5.479	73	181618	20.017	ug/l	99
20) Methylene Chloride	4.973	84	87164	17.567	ug/l	96
21) trans-1,2-Dichloroethene	5.479	96	82826	18.759	ug/l	92
22) Diisopropyl ether	6.367	45	302077	21.320	ug/l	98
23) Vinyl Acetate	6.309	43	785011	100.431	ug/l	99
24) 1,1-Dichloroethane	6.262	63	177338	21.473	ug/l	99
25) 2-Butanone	7.214	43	130459	93.693	ug/l	96
26) 2,2-Dichloropropane	7.209	77	143750	21.034	ug/l	99
27) cis-1,2-Dichloroethene	7.214	96	98836	20.842	ug/l	98
28) Bromochloromethane	7.550	49	54415	17.469	ug/l	99
29) Tetrahydrofuran	7.567	42	79318	96.275	ug/l	99
30) Chloroform	7.709	83	179097	21.227	ug/l	96
31) Cyclohexane	7.985	56	155881	18.713	ug/l	93
32) 1,1,1-Trichloroethane	7.903	97	156982	21.094	ug/l	97
36) 1,1-Dichloropropene	8.114	75	129327	19.852	ug/l	99
37) Ethyl Acetate	7.291	43	61948	20.453	ug/l	96
38) Carbon Tetrachloride	8.097	117	133716	20.756	ug/l	100
39) Methylcyclohexane	9.356	83	143088	18.956	ug/l	96
40) Benzene	8.350	78	354934	20.184	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.526	41	31795	18.556	ug/l #	85
42) 1,2-Dichloroethane	8.426	62	116176	20.922	ug/l	99
43) Isopropyl Acetate	8.450	43	114796	21.088	ug/l	99
44) Trichloroethene	9.108	130	92214	20.310	ug/l	98
45) 1,2-Dichloropropane	9.385	63	96732	21.334	ug/l	99
46) Dibromomethane	9.473	93	50106	21.105	ug/l	99
47) Bromodichloromethane	9.656	83	133813	21.312	ug/l	98
48) Methyl methacrylate	9.456	41	57086	19.815	ug/l	98
49) 1,4-Dioxane	9.461	88	10034	370.281	ug/l	98
51) 4-Methyl-2-Pentanone	10.226	43	291961	102.490	ug/l	99
52) Toluene	10.403	92	225600	20.631	ug/l	97
53) t-1,3-Dichloropropene	10.614	75	117182	20.320	ug/l	100
54) cis-1,3-Dichloropropene	10.085	75	138748	20.525	ug/l	98
55) 1,1,2-Trichloroethane	10.791	97	69038	21.910	ug/l	92
56) Ethyl methacrylate	10.655	69	76393	19.582	ug/l	97
57) 1,3-Dichloropropane	10.944	76	119231	21.196	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.938	63	194018	105.646	ug/l	99
59) 2-Hexanone	10.979	43	195434	94.523	ug/l	97
60) Dibromochloromethane	11.132	129	83424	21.441	ug/l	99
61) 1,2-Dibromoethane	11.244	107	61464	20.246	ug/l	97
64) Tetrachloroethene	10.873	164	73511	19.325	ug/l	94
65) Chlorobenzene	11.661	112	237303	20.858	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.738	131	88064	21.277	ug/l	97
67) Ethyl Benzene	11.738	91	423716	20.240	ug/l	97
68) m/p-Xylenes	11.850	106	322019	40.441	ug/l	97
69) o-Xylene	12.173	106	149648	20.681	ug/l	100
70) Styrene	12.185	104	261542	20.969	ug/l	99
71) Bromoform	12.355	173	45103	20.410	ug/l #	100
73) Isopropylbenzene	12.473	105	410615	19.773	ug/l	98
74) N-amyl acetate	12.279	43	99438	19.471	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.720	83	76239	19.839	ug/l	99
76) 1,2,3-Trichloropropane	12.773	75	53830m	19.046	ug/l	
77) Bromobenzene	12.755	156	92608	20.048	ug/l	95
78) n-propylbenzene	12.814	91	526437	20.217	ug/l	100
79) 2-Chlorotoluene	12.897	91	294123	19.932	ug/l	100
80) 1,3,5-Trimethylbenzene	12.949	105	356217	20.681	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.520	75	20807	18.102	ug/l	97
82) 4-Chlorotoluene	12.997	91	310318	20.214	ug/l	99
83) tert-Butylbenzene	13.214	119	290621	20.359	ug/l	99
84) 1,2,4-Trimethylbenzene	13.261	105	349614	20.634	ug/l	99
85) sec-Butylbenzene	13.391	105	457510	20.483	ug/l	100
86) p-Isopropyltoluene	13.508	119	375359	20.681	ug/l	99
87) 1,3-Dichlorobenzene	13.508	146	191310	20.395	ug/l	100
88) 1,4-Dichlorobenzene	13.585	146	186817	19.956	ug/l	99
89) n-Butylbenzene	13.832	91	363676	20.423	ug/l	99
90) Hexachloroethane	14.102	117	76653	21.246	ug/l	96
91) 1,2-Dichlorobenzene	13.879	146	161709	20.145	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.491	75	12527	19.683	ug/l	98
93) 1,2,4-Trichlorobenzene	15.143	180	92168	19.655	ug/l	98
94) Hexachlorobutadiene	15.249	225	56848	22.233	ug/l	99
95) Naphthalene	15.385	128	157843	17.905	ug/l	98
96) 1,2,3-Trichlorobenzene	15.579	180	82446	20.512	ug/l	99

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

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