

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021522\
 Data File : VD071972.D
 Acq On : 15 Feb 2022 11:29
 Operator : VA/SY
 Sample : VD0215SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0215SBS01

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 02/16/2022
 Supervised By : Mahesh Dadoda 02/18/2022

Quant Time: Feb 16 00:33:55 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

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	337193	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	564797	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	527336	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	261975	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	203130	47.66	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	95.32%		
35) Dibromofluoromethane	7.914	113	197965	53.32	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	106.64%		
50) Toluene-d8	10.338	98	695606	50.17	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	100.34%		
62) 4-Bromofluorobenzene	12.626	95	243841	50.36	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	100.72%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.991	85	79424	19.86	ug/l	97
3) Chloromethane	2.215	50	81144	16.95	ug/l	99
4) Vinyl Chloride	2.356	62	90808	18.12	ug/l	98
5) Bromomethane	2.768	94	63521	19.21	ug/l	99
6) Chloroethane	2.926	64	60955	19.19	ug/l	92
7) Trichlorofluoromethane	3.279	101	137531	19.15	ug/l	94
8) Diethyl Ether	3.709	74	32530	17.16	ug/l	93
9) 1,1,2-Trichlorotrifluo...	4.103	101	82351	20.32	ug/l	99
10) Methyl Iodide	4.309	142	62040	14.93	ug/l	97
11) Tert butyl alcohol	5.214	59	17431	32.50	ug/l	99
12) 1,1-Dichloroethene	4.073	96	70608	19.06	ug/l	99
13) Acrolein	3.920	56	33036	87.27	ug/l	97
14) Allyl chloride	4.720	41	129799	18.38	ug/l	99
15) Acrylonitrile	5.414	53	85464	88.73	ug/l	98
16) Acetone	4.162	43	84268	72.23	ug/l	99
17) Carbon Disulfide	4.414	76	181206	14.03	ug/l	99
18) Methyl Acetate	4.732	43	45873	18.19	ug/l	99
19) Methyl tert-butyl Ether	5.479	73	155511	17.55	ug/l	98
20) Methylene Chloride	4.967	84	80852	16.48	ug/l	94
21) trans-1,2-Dichloroethene	5.479	96	74957	17.38	ug/l	98
22) Diisopropyl ether	6.367	45	280332	20.26	ug/l	97
23) Vinyl Acetate	6.309	43	664354	87.02	ug/l	98
24) 1,1-Dichloroethane	6.267	63	166800	20.68	ug/l	98
25) 2-Butanone	7.208	43	109660	80.63	ug/l	99
26) 2,2-Dichloropropane	7.208	77	134595	20.16	ug/l	98
27) cis-1,2-Dichloroethene	7.214	96	90352	19.51	ug/l	99
28) Bromochloromethane	7.544	49	48919	16.08	ug/l	97
29) Tetrahydrofuran	7.561	42	66653	82.83	ug/l	98
30) Chloroform	7.708	83	168246	20.41	ug/l	95
31) Cyclohexane	7.985	56	138649	17.04	ug/l #	92
32) 1,1,1-Trichloroethane	7.903	97	148716	20.46	ug/l	97
36) 1,1-Dichloropropene	8.114	75	122202	19.18	ug/l	98
37) Ethyl Acetate	7.297	43	48429	16.35	ug/l	97
38) Carbon Tetrachloride	8.103	117	123404	19.58	ug/l	91
39) Methylcyclohexane	9.355	83	126483	17.13	ug/l	89
40) Benzene	8.350	78	333662	19.40	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.544	41	34597m	20.64	ug/l	
42) 1,2-Dichloroethane	8.426	62	105064	19.34	ug/l	100
43) Isopropyl Acetate	8.450	43	95884	18.01	ug/l	100
44) Trichloroethene	9.114	130	86998	19.59	ug/l	94
45) 1,2-Dichloropropane	9.385	63	91071	20.53	ug/l	96
46) Dibromomethane	9.479	93	43284	18.64	ug/l	99
47) Bromodichloromethane	9.661	83	126471	20.59	ug/l	98
48) Methyl methacrylate	9.455	41	47654	16.91	ug/l	96
49) 1,4-Dioxane	9.455	88	8087	305.10	ug/l #	86
51) 4-Methyl-2-Pentanone	10.226	43	249489	89.54	ug/l	97
52) Toluene	10.397	92	210405	19.67	ug/l	99
53) t-1,3-Dichloropropene	10.614	75	103817	18.40	ug/l	99
54) cis-1,3-Dichloropropene	10.085	75	125058	18.91	ug/l	97
55) 1,1,2-Trichloroethane	10.797	97	59835	19.41	ug/l	97
56) Ethyl methacrylate	10.655	69	65486	17.16	ug/l	96
57) 1,3-Dichloropropane	10.944	76	104222	18.94	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.938	63	160302	89.24	ug/l	95
59) 2-Hexanone	10.979	43	163615	80.90	ug/l	97
60) Dibromochloromethane	11.132	129	75651	19.88	ug/l	98
61) 1,2-Dibromoethane	11.244	107	55859	18.81	ug/l	95
64) Tetrachloroethene	10.873	164	68541	18.37	ug/l	96
65) Chlorobenzene	11.667	112	221244	19.83	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.738	131	82321	20.28	ug/l	98
67) Ethyl Benzene	11.738	91	396789	19.33	ug/l	100
68) m/p-Xylenes	11.849	106	307431	39.37	ug/l	98
69) o-Xylene	12.173	106	140268	19.77	ug/l	97
70) Styrene	12.191	104	241388	19.74	ug/l	100
71) Bromoform	12.355	173	40211	18.56	ug/l #	99
73) Isopropylbenzene	12.473	105	382643	18.86	ug/l	100
74) N-amyl acetate	12.279	43	84170	16.87	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.720	83	66499	17.71	ug/l	95
76) 1,2,3-Trichloropropane	12.773	75	59573m	21.58	ug/l	
77) Bromobenzene	12.755	156	83033	18.40	ug/l	99
78) n-propylbenzene	12.814	91	494214	19.43	ug/l	98
79) 2-Chlorotoluene	12.902	91	281538	19.53	ug/l	99
80) 1,3,5-Trimethylbenzene	12.949	105	343790	20.43	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.520	75	17904	15.94	ug/l	97
82) 4-Chlorotoluene	12.996	91	296398	19.76	ug/l	99
83) tert-Butylbenzene	13.214	119	271001	19.43	ug/l	99
84) 1,2,4-Trimethylbenzene	13.261	105	332012	20.06	ug/l	98
85) sec-Butylbenzene	13.390	105	433845	19.88	ug/l	100
86) p-Isopropyltoluene	13.508	119	348260	19.64	ug/l	99
87) 1,3-Dichlorobenzene	13.508	146	177514	19.37	ug/l	98
88) 1,4-Dichlorobenzene	13.585	146	169952	18.58	ug/l	96
89) n-Butylbenzene	13.832	91	340837	19.59	ug/l	99
90) Hexachloroethane	14.102	117	73082	20.74	ug/l	94
91) 1,2-Dichlorobenzene	13.879	146	151097	19.27	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.485	75	10437	16.79	ug/l	99
93) 1,2,4-Trichlorobenzene	15.143	180	84439	18.43	ug/l	97
94) Hexachlorobutadiene	15.255	225	52040	20.83	ug/l	98
95) Naphthalene	15.384	128	133797	15.73	ug/l	99
96) 1,2,3-Trichlorobenzene	15.573	180	71345	18.17	ug/l	99

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

