

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD010522\
 Data File : VD071623.D
 Acq On : 05 Jan 2022 19:24
 Operator : VA/SY
 Sample : N1018-07MS
 Misc : 5.19G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 FM-E3-02-4.5MS

Quant Time: Jan 06 07:06:11 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122221S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 23 08:20:24 2021
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 01/06/2022
 Supervised By :Mahesh Dadoda 01/11/2022

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	305875	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	514568	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	499995	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	256556	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	201535	49.611	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	99.220%		
35) Dibromofluoromethane	7.914	113	173217	50.087	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	100.180%		
50) Toluene-d8	10.338	98	620058	47.445	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	94.880%		
62) 4-Bromofluorobenzene	12.626	95	236489	50.923	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	101.840%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.991	85	140854	43.947	ug/l	98
3) Chloromethane	2.215	50	184497	44.955	ug/l	99
4) Vinyl Chloride	2.356	62	221846	45.108	ug/l	98
5) Bromomethane	2.773	94	152433	44.305	ug/l	98
6) Chloroethane	2.926	64	152744	46.798	ug/l	90
7) Trichlorofluoromethane	3.279	101	302351	50.218	ug/l	98
8) Diethyl Ether	3.709	74	88244	51.196	ug/l	88
9) 1,1,2-Trichlorotrifluo...	4.103	101	179763	51.320	ug/l	94
10) Methyl Iodide	4.309	142	179829	52.792	ug/l	94
11) Tert butyl alcohol	5.215	59	54912	161.882	ug/l	95
12) 1,1-Dichloroethene	4.073	96	153003	48.013	ug/l	85
13) Acrolein	3.920	56	22569	115.010	ug/l	99
14) Allyl chloride	4.726	41	318107	52.776	ug/l #	79
15) Acrylonitrile	5.420	53	235461	277.394	ug/l	96
16) Acetone	4.156	43	292837	286.994	ug/l #	87
17) Carbon Disulfide	4.415	76	413207	39.796	ug/l	99
18) Methyl Acetate	4.720	43	171395	54.422	ug/l	94
19) Methyl tert-butyl Ether	5.479	73	449834	54.682	ug/l	99
20) Methylene Chloride	4.967	84	246676	65.967	ug/l #	85
21) trans-1,2-Dichloroethene	5.473	96	184960	50.111	ug/l #	83
22) Diisopropyl ether	6.367	45	725176	59.099	ug/l	90
23) Vinyl Acetate	6.309	43	1705873	269.680	ug/l	97
24) 1,1-Dichloroethane	6.267	63	384283	54.629	ug/l	98
25) 2-Butanone	7.214	43	331971	272.381	ug/l #	88
26) 2,2-Dichloropropane	7.208	77	321608	55.642	ug/l	94
27) cis-1,2-Dichloroethene	7.208	96	217808	53.351	ug/l	87
28) Bromochloromethane	7.544	49	142683	49.497	ug/l	88
29) Tetrahydrofuran	7.561	42	196810	268.952	ug/l	92
30) Chloroform	7.708	83	406361	57.251	ug/l	99
31) Cyclohexane	7.985	56	322403	46.720	ug/l	99
32) 1,1,1-Trichloroethane	7.903	97	351141	55.781	ug/l #	93
36) 1,1-Dichloropropene	8.108	75	291272	52.718	ug/l	96
37) Ethyl Acetate	7.291	43	141579	55.504	ug/l #	86
38) Carbon Tetrachloride	8.103	117	300345	55.099	ug/l	99
39) Methylcyclohexane	9.350	83	309819	47.903	ug/l	98
40) Benzene	8.350	78	801699	53.975	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.520	41	69384m	45.795	ug/l	
42) 1,2-Dichloroethane	8.426	62	276142	57.014	ug/l	94
43) Isopropyl Acetate	8.450	43	277750	54.869	ug/l #	88
44) Trichloroethene	9.114	130	202888	52.418	ug/l	96
45) 1,2-Dichloropropane	9.385	63	220034	57.090	ug/l	99
46) Dibromomethane	9.473	93	117672	55.263	ug/l	93
47) Bromodichloromethane	9.655	83	315629	58.384	ug/l #	98
48) Methyl methacrylate	9.455	41	140988	56.284	ug/l #	78
49) 1,4-Dioxane	9.455	88	21874	909.067	ug/l #	93
51) 4-Methyl-2-Pentanone	10.220	43	747090	280.525	ug/l	90
52) Toluene	10.397	92	518985	55.005	ug/l	98
53) t-1,3-Dichloropropene	10.614	75	284758	56.407	ug/l	97
54) cis-1,3-Dichloropropene	10.085	75	322784	55.333	ug/l #	81
55) 1,1,2-Trichloroethane	10.797	97	156928	58.062	ug/l	93
56) Ethyl methacrylate	10.655	69	210611	59.216	ug/l #	70
57) 1,3-Dichloropropane	10.938	76	284229	57.412	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.938	63	433978	254.726	ug/l	98
59) 2-Hexanone	10.979	43	545700	289.884	ug/l	88
60) Dibromochloromethane	11.132	129	198719	58.488	ug/l	100
61) 1,2-Dibromoethane	11.238	107	148693	55.545	ug/l	99
64) Tetrachloroethene	10.873	164	170698	49.128	ug/l	99
65) Chlorobenzene	11.661	112	546019	53.239	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.738	131	210959	56.305	ug/l	97
67) Ethyl Benzene	11.738	91	1036239	54.290	ug/l	100
68) m/p-Xylenes	11.849	106	784285	108.154	ug/l	95
69) o-Xylene	12.173	106	373408	56.334	ug/l	95
70) Styrene	12.185	104	653179	56.724	ug/l	96
71) Bromoform	12.349	173	111142	54.818	ug/l #	100
73) Isopropylbenzene	12.473	105	1011341	51.131	ug/l	98
74) N-amyl acetate	12.279	43	266511	50.222	ug/l	89
75) 1,1,2,2-Tetrachloroethane	12.720	83	183607	51.344	ug/l	100
76) 1,2,3-Trichloropropane	12.773	75	129730m	42.557	ug/l	
77) Bromobenzene	12.755	156	216635	49.220	ug/l	95
78) n-propylbenzene	12.814	91	1268839	51.179	ug/l	99
79) 2-Chlorotoluene	12.896	91	714046	51.536	ug/l	98
80) 1,3,5-Trimethylbenzene	12.949	105	854504	52.377	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.520	75	50288	46.612	ug/l #	78
82) 4-Chlorotoluene	12.996	91	742714	51.678	ug/l	99
83) tert-Butylbenzene	13.214	119	723352	51.888	ug/l	95
84) 1,2,4-Trimethylbenzene	13.261	105	847554	52.491	ug/l	97
85) sec-Butylbenzene	13.391	105	1093355	51.445	ug/l	99
86) p-Isopropyltoluene	13.508	119	918177	52.067	ug/l	97
87) 1,3-Dichlorobenzene	13.508	146	451627	50.951	ug/l	97
88) 1,4-Dichlorobenzene	13.585	146	441920	50.846	ug/l	99
89) n-Butylbenzene	13.832	91	910355	52.596	ug/l	98
90) Hexachloroethane	14.096	117	173071	51.808	ug/l	92
91) 1,2-Dichlorobenzene	13.879	146	392167	52.131	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.490	75	29659	47.826	ug/l	94
93) 1,2,4-Trichlorobenzene	15.143	180	227753	49.682	ug/l	97
94) Hexachlorobutadiene	15.249	225	117726	47.938	ug/l	99
95) Naphthalene	15.385	128	435675	49.929	ug/l	99
96) 1,2,3-Trichlorobenzene	15.579	180	193861	48.892	ug/l	99

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

