

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061521\
 Data File : VD069445.D
 Acq On : 15 Jun 2021 16:43
 Operator : VA/SY
 Sample : VD0615SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0615SBS01

Manual Integrations
 APPROVED

MMDadoda
 6/16/2021 12:56:24 PM

Quant Time: Jun 16 02:01:12 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D061121S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 11 12:50:13 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	403382	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	660601	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	625120	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	306973	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	233446	51.298	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 102.600%	
35) Dibromofluoromethane	7.914	113	255089	51.555	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.100%	
50) Toluene-d8	10.338	98	970859	53.648	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 107.300%	
62) 4-Bromofluorobenzene	12.626	95	313039	53.911	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 107.820%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.985	85	79148	19.694	ug/l	97
3) Chloromethane	2.209	50	77728	19.335	ug/l	98
4) Vinyl Chloride	2.350	62	91960	18.913	ug/l	99
5) Bromomethane	2.750	94	76198	19.864	ug/l	96
6) Chloroethane	2.915	64	66341	19.831	ug/l	100
7) Trichlorofluoromethane	3.268	101	162310	20.409	ug/l	99
8) Diethyl Ether	3.709	74	38604	19.335	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.091	101	96889	20.487	ug/l	97
10) Methyl Iodide	4.303	142	78650	18.374	ug/l	99
11) Tert butyl alcohol	5.226	59	27801m	117.507	ug/l	
12) 1,1-Dichloroethene	4.062	96	86126	20.132	ug/l	92
13) Acrolein	3.921	56	27186	92.173	ug/l	91
14) Allyl chloride	4.703	41	101842	20.240	ug/l	98
15) Acrylonitrile	5.420	53	79042	103.034	ug/l	97
16) Acetone	4.156	43	80752	107.203	ug/l	90
17) Carbon Disulfide	4.409	76	260364	18.814	ug/l	97
18) Methyl Acetate	4.715	43	45749	23.521	ug/l	99
19) Methyl tert-butyl Ether	5.473	73	158544	20.326	ug/l	98
20) Methylene Chloride	4.956	84	208611	35.962	ug/l	98
21) trans-1,2-Dichloroethene	5.473	96	100633	20.091	ug/l	97
22) Diisopropyl ether	6.362	45	213066	21.297	ug/l	99
23) Vinyl Acetate	6.303	43	543555	96.127	ug/l	97
24) 1,1-Dichloroethane	6.262	63	170663	20.492	ug/l	100
25) 2-Butanone	7.209	43	100551	107.052	ug/l	99
26) 2,2-Dichloropropane	7.203	77	157706	21.491	ug/l	97
27) cis-1,2-Dichloroethene	7.209	96	111722	20.606	ug/l	98
28) Bromochloromethane	7.544	49	58107	19.045	ug/l	99
29) Tetrahydrofuran	7.562	42	52978	100.226	ug/l	99
30) Chloroform	7.709	83	191126	20.597	ug/l	100
31) Cyclohexane	7.985	56	123280	19.936	ug/l	97
32) 1,1,1-Trichloroethane	7.897	97	169758	20.824	ug/l	97
36) 1,1-Dichloropropene	8.109	75	137312	19.962	ug/l	99
37) Ethyl Acetate	7.291	43	44542	19.355	ug/l #	94
38) Carbon Tetrachloride	8.097	117	147958	19.856	ug/l	98
39) Methylcyclohexane	9.350	83	131139	18.953	ug/l	96
40) Benzene	8.350	78	395981	19.779	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.520	41	21946	19.168	ug/l #	89
42) 1,2-Dichloroethane	8.420	62	107696	19.604	ug/l	100
43) Isopropyl Acetate	8.450	43	84541	19.428	ug/l	96
44) Trichloroethene	9.109	130	111461	19.963	ug/l	99
45) 1,2-Dichloropropane	9.385	63	96987	19.845	ug/l	99
46) Dibromomethane	9.467	93	55219	19.719	ug/l	95
47) Bromodichloromethane	9.661	83	140532	19.465	ug/l	97
48) Methyl methacrylate	9.456	41	38044	19.224	ug/l	86
49) 1,4-Dioxane	9.456	88	11555	423.721	ug/l	92
51) 4-Methyl-2-Pentanone	10.226	43	225403	101.525	ug/l	100
52) Toluene	10.403	92	256571	20.183	ug/l	99
53) t-1,3-Dichloropropene	10.614	75	122733	19.846	ug/l	100
54) cis-1,3-Dichloropropene	10.085	75	148997	20.043	ug/l	99
55) 1,1,2-Trichloroethane	10.797	97	79814	20.619	ug/l	94
56) Ethyl methacrylate	10.656	69	76548	19.163	ug/l	98
57) 1,3-Dichloropropane	10.944	76	127780	20.279	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.938	63	199158	97.159	ug/l	100
59) 2-Hexanone	10.979	43	158765	107.129	ug/l	96
60) Dibromochloromethane	11.138	129	99831	20.236	ug/l	96
61) 1,2-Dibromoethane	11.244	107	73872	19.867	ug/l	100
64) Tetrachloroethene	10.873	164	95594	19.773	ug/l	99
65) Chlorobenzene	11.667	112	278215	20.234	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.738	131	105044	19.904	ug/l	98
67) Ethyl Benzene	11.738	91	465529	20.189	ug/l	98
68) m/p-Xylenes	11.850	106	379690	41.453	ug/l	100
69) o-Xylene	12.173	106	165826	20.460	ug/l	99
70) Styrene	12.191	104	294234	20.633	ug/l	100
71) Bromoform	12.355	173	56177	20.561	ug/l #	99
73) Isopropylbenzene	12.473	105	454851	21.076	ug/l	99
74) N-amyl acetate	12.285	43	78923	20.385	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.726	83	85251	20.574	ug/l	99
76) 1,2,3-Trichloropropane	12.779	75	59010m	18.961	ug/l	
77) Bromobenzene	12.755	156	110943	20.503	ug/l	99
78) n-propylbenzene	12.814	91	568055	21.448	ug/l	99
79) 2-Chlorotoluene	12.902	91	319522	21.223	ug/l	98
80) 1,3,5-Trimethylbenzene	12.955	105	391257	21.505	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.520	75	25098	21.514	ug/l	96
82) 4-Chlorotoluene	12.997	91	345556	21.567	ug/l	99
83) tert-Butylbenzene	13.214	119	312456	20.173	ug/l	97
84) 1,2,4-Trimethylbenzene	13.261	105	393085	21.610	ug/l	99
85) sec-Butylbenzene	13.397	105	483460	21.232	ug/l	100
86) p-Isopropyltoluene	13.508	119	419930	21.229	ug/l	99
87) 1,3-Dichlorobenzene	13.508	146	225234	20.784	ug/l	99
88) 1,4-Dichlorobenzene	13.585	146	228558	21.173	ug/l	100
89) n-Butylbenzene	13.832	91	384137	20.875	ug/l	99
90) Hexachloroethane	14.102	117	80149	20.816	ug/l	98
91) 1,2-Dichlorobenzene	13.879	146	195565	20.685	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.491	75	12847	20.588	ug/l	98
93) 1,2,4-Trichlorobenzene	15.149	180	112052	20.368	ug/l	97
94) Hexachlorobutadiene	15.255	225	70645	20.536	ug/l	99
95) Naphthalene	15.391	128	183807	19.620	ug/l	100
96) 1,2,3-Trichlorobenzene	15.585	180	99744	20.883	ug/l	99

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

