

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060821\
 Data File : VD069385.D
 Acq On : 08 Jun 2021 11:59
 Operator : VA/SY
 Sample : VD0608SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0608SBS01

Manual Integrations
 APPROVED

MMDadoda
 6/9/2021 4:24:40 PM

Quant Time: Jun 09 02:07:50 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D060121S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 02 02:17:36 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	411284	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	678981	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	640018	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	325139	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	182999	46.372	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	92.740%		
35) Dibromofluoromethane	7.914	113	201586	47.278	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	94.560%		
50) Toluene-d8	10.338	98	720884	46.494	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	92.980%		
62) 4-Bromofluorobenzene	12.626	95	240627	47.363	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	94.720%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.985	85	76400	17.647	ug/l	100
3) Chloromethane	2.209	50	75655	23.148	ug/l	95
4) Vinyl Chloride	2.344	62	78175	23.479	ug/l	96
5) Bromomethane	2.750	94	68036	28.009	ug/l	89
6) Chloroethane	2.915	64	56333	29.650	ug/l	98
7) Trichlorofluoromethane	3.262	101	151521	19.565	ug/l	96
8) Diethyl Ether	3.703	74	38411	20.188	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.091	101	90548	19.855	ug/l	98
10) Methyl Iodide	4.297	142	72762	17.351	ug/l	99
11) Tert butyl alcohol	5.215	59	30167	110.034	ug/l #	83
12) 1,1-Dichloroethene	4.068	96	79816	19.349	ug/l	91
13) Acrolein	3.920	56	17186	77.903	ug/l	96
14) Allyl chloride	4.709	41	94835	19.054	ug/l	99
15) Acrylonitrile	5.420	53	72257	97.417	ug/l	100
16) Acetone	4.156	43	61550	89.375	ug/l	98
17) Carbon Disulfide	4.409	76	253095	18.554	ug/l	97
18) Methyl Acetate	4.715	43	37708	20.234	ug/l	99
19) Methyl tert-butyl Ether	5.479	73	148435	19.592	ug/l	100
20) Methylene Chloride	4.967	84	119531	19.611	ug/l	95
21) trans-1,2-Dichloroethene	5.462	96	97890	20.036	ug/l	88
22) Diisopropyl ether	6.362	45	197623	20.673	ug/l	95
23) Vinyl Acetate	6.309	43	508853	91.051	ug/l	99
24) 1,1-Dichloroethane	6.262	63	163506	20.440	ug/l	98
25) 2-Butanone	7.214	43	83007	91.599	ug/l	97
26) 2,2-Dichloropropane	7.203	77	142204	19.292	ug/l	98
27) cis-1,2-Dichloroethene	7.214	96	103395	19.980	ug/l	100
28) Bromochloromethane	7.544	49	52600	18.965	ug/l	90
29) Tetrahydrofuran	7.556	42	48702	93.504	ug/l	99
30) Chloroform	7.708	83	179996	20.583	ug/l	91
31) Cyclohexane	7.979	56	111354	17.758	ug/l #	89
32) 1,1,1-Trichloroethane	7.903	97	157409	19.945	ug/l	100
36) 1,1-Dichloropropene	8.108	75	122993	18.636	ug/l	97
37) Ethyl Acetate	7.291	43	42573	18.998	ug/l #	95
38) Carbon Tetrachloride	8.097	117	138247	19.401	ug/l	98
39) Methylcyclohexane	9.355	83	117706	17.435	ug/l	98
40) Benzene	8.350	78	378491	19.746	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.520	41	23970	22.032	ug/l #	81
42) 1,2-Dichloroethane	8.420	62	103555	20.244	ug/l	99
43) Isopropyl Acetate	8.450	43	77282	18.949	ug/l	99
44) Trichloroethene	9.108	130	106576	20.465	ug/l	93
45) 1,2-Dichloropropane	9.385	63	92186	20.200	ug/l	98
46) Dibromomethane	9.473	93	51893	19.894	ug/l	94
47) Bromodichloromethane	9.661	83	138152	20.540	ug/l	91
48) Methyl methacrylate	9.455	41	34238	18.083	ug/l #	83
49) 1,4-Dioxane	9.455	88	9855	384.619	ug/l	95
51) 4-Methyl-2-Pentanone	10.226	43	203961	96.826	ug/l	98
52) Toluene	10.402	92	242041	20.006	ug/l	100
53) t-1,3-Dichloropropene	10.620	75	116972	19.473	ug/l	99
54) cis-1,3-Dichloropropene	10.085	75	139670	19.502	ug/l	96
55) 1,1,2-Trichloroethane	10.797	97	76290	21.085	ug/l	96
56) Ethyl methacrylate	10.655	69	69972	18.700	ug/l	98
57) 1,3-Dichloropropane	10.944	76	118269	20.159	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.938	63	178393	105.295	ug/l	98
59) 2-Hexanone	10.979	43	132984	94.442	ug/l	99
60) Dibromochloromethane	11.138	129	94355	20.696	ug/l	97
61) 1,2-Dibromoethane	11.244	107	71108	20.603	ug/l	97
64) Tetrachloroethene	10.873	164	90227	20.253	ug/l	95
65) Chlorobenzene	11.667	112	264186	20.199	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.738	131	100544	20.517	ug/l	99
67) Ethyl Benzene	11.744	91	436239	19.414	ug/l	100
68) m/p-Xylenes	11.849	106	348717	39.605	ug/l	99
69) o-Xylene	12.179	106	156827	20.138	ug/l	99
70) Styrene	12.191	104	279501	20.676	ug/l	99
71) Bromoform	12.355	173	52739	20.750	ug/l #	97
73) Isopropylbenzene	12.473	105	414839	18.643	ug/l	100
74) N-amyl acetate	12.285	43	73523	18.710	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.726	83	77679	18.700	ug/l	98
76) 1,2,3-Trichloropropane	12.779	75	59783m	21.163	ug/l	
77) Bromobenzene	12.755	156	102629	19.151	ug/l	97
78) n-propylbenzene	12.814	91	517779	18.973	ug/l	99
79) 2-Chlorotoluene	12.902	91	296863	19.136	ug/l	97
80) 1,3,5-Trimethylbenzene	12.955	105	363610	19.294	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.520	75	22881	17.949	ug/l	98
82) 4-Chlorotoluene	12.996	91	322063	19.733	ug/l	99
83) tert-Butylbenzene	13.220	119	295992	18.754	ug/l	98
84) 1,2,4-Trimethylbenzene	13.261	105	370511	19.769	ug/l	99
85) sec-Butylbenzene	13.396	105	437780	18.793	ug/l	100
86) p-Isopropyltoluene	13.508	119	378020	18.559	ug/l	99
87) 1,3-Dichlorobenzene	13.508	146	214076	19.740	ug/l	99
88) 1,4-Dichlorobenzene	13.591	146	210735	19.497	ug/l	97
89) n-Butylbenzene	13.838	91	345195	18.114	ug/l	99
90) Hexachloroethane	14.102	117	72627	18.770	ug/l	95
91) 1,2-Dichlorobenzene	13.885	146	183791	19.667	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.496	75	12175	18.399	ug/l	94
93) 1,2,4-Trichlorobenzene	15.155	180	103444	18.449	ug/l	99
94) Hexachlorobutadiene	15.255	225	62960	17.885	ug/l	98
95) Naphthalene	15.390	128	169350	17.557	ug/l	100
96) 1,2,3-Trichlorobenzene	15.590	180	91648	18.572	ug/l	98

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

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