

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD010621\
 Data File : VD068011.D
 Acq On : 06 Jan 2021 12:08
 Operator : VA/SY
 Sample : VD0106SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0106SBS01

Manual Integrations
 APPROVED

MMDadoda
 1/7/2021 1:54:16 PM

Quant Time: Jan 07 00:08:48 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122220S.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 23 07:34:16 2020
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	253751	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	423345	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.649	117	389740	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.579	152	189703	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	134189	48.97	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	97.94%		
35) Dibromofluoromethane	7.914	113	136443	51.15	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	102.30%		
50) Toluene-d8	10.344	98	491921	49.06	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	98.12%		
62) 4-Bromofluorobenzene	12.632	95	167532	48.85	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	97.70%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.991	85	49463	19.14	ug/l	94
3) Chloromethane	2.209	50	62281	17.63	ug/l	97
4) Vinyl Chloride	2.350	62	62022	18.84	ug/l	98
5) Bromomethane	2.756	94	43153	17.69	ug/l	99
6) Chloroethane	2.920	64	37445	18.50	ug/l #	89
7) Trichlorofluoromethane	3.279	101	107992	22.26	ug/l	95
8) Diethyl Ether	3.709	74	27474	19.75	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.097	101	62679	21.67	ug/l	96
10) Methyl Iodide	4.303	142	50053	19.51	ug/l	98
11) Tert butyl alcohol	5.220	59	16553m	61.99	ug/l	
12) 1,1-Dichloroethene	4.067	96	57604	20.76	ug/l	91
13) Acrolein	3.926	56	15281	78.36	ug/l	97
14) Allyl chloride	4.720	41	86373	17.51	ug/l	93
15) Acrylonitrile	5.426	53	65765	98.74	ug/l	97
16) Acetone	4.162	43	55208	105.53	ug/l #	85
17) Carbon Disulfide	4.409	76	192496	19.91	ug/l	98
18) Methyl Acetate	4.720	43	28521	18.45	ug/l	96
19) Methyl tert-butyl Ether	5.479	73	113289	19.64	ug/l	95
20) Methylene Chloride	4.967	84	80385	19.17	ug/l	95
21) trans-1,2-Dichloroethene	5.473	96	66123	19.94	ug/l	99
22) Diisopropyl ether	6.361	45	192731	19.40	ug/l	97
23) Vinyl Acetate	6.303	43	485703	96.18	ug/l	100
24) 1,1-Dichloroethane	6.261	63	119302	19.84	ug/l	97
25) 2-Butanone	7.214	43	74471	96.52	ug/l	98
26) 2,2-Dichloropropane	7.208	77	101602	21.44	ug/l	98
27) cis-1,2-Dichloroethene	7.208	96	71871	20.29	ug/l	95
28) Bromochloromethane	7.550	49	43066	18.99	ug/l	94
29) Tetrahydrofuran	7.567	42	49284	94.43	ug/l	99
30) Chloroform	7.708	83	122703	20.83	ug/l	92
31) Cyclohexane	7.985	56	105493	18.83	ug/l #	79
32) 1,1,1-Trichloroethane	7.903	97	106174	21.04	ug/l	98
36) 1,1-Dichloropropene	8.114	75	94157	20.93	ug/l	98
37) Ethyl Acetate	7.291	43	37835	20.78	ug/l	97
38) Carbon Tetrachloride	8.097	117	92491	21.52	ug/l	93
39) Methylcyclohexane	9.355	83	105340	20.42	ug/l	98
40) Benzene	8.350	78	270447	20.72	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.520	41	22135	21.60	ug/l	94
42) 1,2-Dichloroethane	8.426	62	74449	21.15	ug/l	98
43) Isopropyl Acetate	8.450	43	65248	19.52	ug/l	96
44) Trichloroethene	9.114	130	69012	21.09	ug/l	89
45) 1,2-Dichloropropane	9.391	63	70435	21.20	ug/l	92
46) Dibromomethane	9.479	93	35800	22.17	ug/l	96
47) Bromodichloromethane	9.661	83	92870	21.31	ug/l	96
48) Methyl methacrylate	9.461	41	32014	18.54	ug/l #	84
49) 1,4-Dioxane	9.455	88	6976	395.55	ug/l	93
51) 4-Methyl-2-Pentanone	10.232	43	173887	100.48	ug/l	98
52) Toluene	10.402	92	173464	21.53	ug/l	97
53) t-1,3-Dichloropropene	10.620	75	81793	20.75	ug/l	91
54) cis-1,3-Dichloropropene	10.091	75	101190	20.75	ug/l	99
55) 1,1,2-Trichloroethane	10.802	97	49957	22.13	ug/l	98
56) Ethyl methacrylate	10.661	69	50920	20.08	ug/l	98
57) 1,3-Dichloropropane	10.944	76	84721	21.34	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.944	63	112881	88.44	ug/l	98
59) 2-Hexanone	10.985	43	121045	106.44	ug/l	93
60) Dibromochloromethane	11.144	129	60810	21.75	ug/l	100
61) 1,2-Dibromoethane	11.249	107	45720	21.11	ug/l	98
64) Tetrachloroethene	10.879	164	57675	21.09	ug/l	96
65) Chlorobenzene	11.673	112	172610	20.53	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.743	131	65044	21.67	ug/l	97
67) Ethyl Benzene	11.749	91	303703	20.25	ug/l	98
68) m/p-Xylenes	11.855	106	238972	41.82	ug/l	99
69) o-Xylene	12.185	106	102995	20.14	ug/l	98
70) Styrene	12.196	104	185344	20.98	ug/l	99
71) Bromoform	12.361	173	32002	21.10	ug/l #	98
73) Isopropylbenzene	12.485	105	281823	20.01	ug/l	99
74) N-amyl acetate	12.291	43	60503	18.93	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.732	83	55030	21.06	ug/l	96
76) 1,2,3-Trichloropropane	12.785	75	35753m	22.39	ug/l	
77) Bromobenzene	12.761	156	66323	20.60	ug/l	98
78) n-propylbenzene	12.820	91	359520	20.54	ug/l	99
79) 2-Chlorotoluene	12.908	91	200681	20.29	ug/l	99
80) 1,3,5-Trimethylbenzene	12.961	105	248182	21.22	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.526	75	15608	20.03	ug/l	92
82) 4-Chlorotoluene	13.008	91	214184	20.61	ug/l	99
83) tert-Butylbenzene	13.226	119	194354	20.21	ug/l	98
84) 1,2,4-Trimethylbenzene	13.267	105	242387	20.67	ug/l	98
85) sec-Butylbenzene	13.402	105	293426	20.85	ug/l	100
86) p-Isopropyltoluene	13.514	119	257264	20.77	ug/l	98
87) 1,3-Dichlorobenzene	13.520	146	133330	20.82	ug/l	100
88) 1,4-Dichlorobenzene	13.596	146	133634	21.13	ug/l	98
89) n-Butylbenzene	13.843	91	247648	20.16	ug/l	99
90) Hexachloroethane	14.114	117	51005	20.16	ug/l	99
91) 1,2-Dichlorobenzene	13.890	146	112372	20.84	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.508	75	7744	18.94	ug/l	96
93) 1,2,4-Trichlorobenzene	15.161	180	64107	20.03	ug/l	99
94) Hexachlorobutadiene	15.267	225	38567	20.59	ug/l	100
95) Naphthalene	15.402	128	105861	18.71	ug/l	100
96) 1,2,3-Trichlorobenzene	15.596	180	54540	19.72	ug/l	97

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

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