

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD010821\
 Data File : VD068047.D
 Acq On : 08 Jan 2021 14:22
 Operator : VA/SY
 Sample : VD0108SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0108SBS01

Manual Integrations
 APPROVED

MMDadoda
 1/12/2021 5:08:14 PM

Quant Time: Jan 08 21:49:48 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	202147	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	352215	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	325993	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.579	152	153089	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	118962	54.50	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 109.00%			
35) Dibromofluoromethane	7.914	113	118651	53.46	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 106.92%			
50) Toluene-d8	10.344	98	433132	51.92	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 103.84%			
62) 4-Bromofluorobenzene	12.632	95	148073	51.89	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 103.78%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.991	85	42320	20.55	ug/l	95
3) Chloromethane	2.209	50	52282	18.57	ug/l	99
4) Vinyl Chloride	2.350	62	53357	20.34	ug/l	94
5) Bromomethane	2.762	94	35905	18.71	ug/l	99
6) Chloroethane	2.921	64	33090	20.53	ug/l #	81
7) Trichlorofluoromethane	3.273	101	87290	22.58	ug/l	98
8) Diethyl Ether	3.715	74	23525	21.23	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.097	101	53840	23.37	ug/l	96
10) Methyl Iodide	4.297	142	41077	19.98	ug/l	95
11) Tert butyl alcohol	5.209	59	16550m	96.41	ug/l	
12) 1,1-Dichloroethene	4.073	96	48050	21.74	ug/l #	90
13) Acrolein	3.921	56	11517	74.14	ug/l	93
14) Allyl chloride	4.715	41	75074	19.10	ug/l	95
15) Acrylonitrile	5.426	53	51205	96.50	ug/l	95
16) Acetone	4.162	43	45234	108.54	ug/l	97
17) Carbon Disulfide	4.409	76	159747	20.74	ug/l	99
18) Methyl Acetate	4.715	43	23117	18.77	ug/l	98
19) Methyl tert-butyl Ether	5.485	73	94107	20.48	ug/l	92
20) Methylene Chloride	4.968	84	65162	19.66	ug/l	93
21) trans-1,2-Dichloroethene	5.479	96	55975	21.19	ug/l	89
22) Diisopropyl ether	6.362	45	161075	20.35	ug/l	97
23) Vinyl Acetate	6.309	43	389403	96.79	ug/l #	94
24) 1,1-Dichloroethane	6.267	63	102903	21.48	ug/l	98
25) 2-Butanone	7.209	43	58876	95.79	ug/l	98
26) 2,2-Dichloropropane	7.209	77	84412	22.36	ug/l	100
27) cis-1,2-Dichloroethene	7.214	96	57885	20.51	ug/l	97
28) Bromochloromethane	7.544	49	36306	20.10	ug/l	94
29) Tetrahydrofuran	7.567	42	39390	94.74	ug/l	97
30) Chloroform	7.709	83	102317	21.80	ug/l	93
31) Cyclohexane	7.985	56	91067	20.41	ug/l #	86
32) 1,1,1-Trichloroethane	7.909	97	90288	22.46	ug/l	96
36) 1,1-Dichloropropene	8.114	75	82016	21.91	ug/l	99
37) Ethyl Acetate	7.291	43	28598	18.88	ug/l #	88
38) Carbon Tetrachloride	8.097	117	76739	21.46	ug/l	94
39) Methylcyclohexane	9.356	83	90468	21.08	ug/l	96
40) Benzene	8.356	78	230752	21.25	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.526	41	14464m	16.96	ug/l	
42) 1,2-Dichloroethane	8.426	62	62846	21.46	ug/l	99
43) Isopropyl Acetate	8.456	43	52964	19.05	ug/l	97
44) Trichloroethene	9.114	130	55833	20.51	ug/l	93
45) 1,2-Dichloropropane	9.391	63	58337	21.10	ug/l	91
46) Dibromomethane	9.479	93	27780	20.67	ug/l	93
47) Bromodichloromethane	9.661	83	79334	21.88	ug/l	98
48) Methyl methacrylate	9.456	41	25113	17.48	ug/l #	85
49) 1,4-Dioxane	9.461	88	6351	432.83	ug/l	95
51) 4-Methyl-2-Pentanone	10.232	43	139783	97.09	ug/l	97
52) Toluene	10.403	92	143595	21.42	ug/l	99
53) t-1,3-Dichloropropene	10.620	75	68119	20.77	ug/l	93
54) cis-1,3-Dichloropropene	10.091	75	84131	20.74	ug/l	94
55) 1,1,2-Trichloroethane	10.803	97	40039	21.32	ug/l	92
56) Ethyl methacrylate	10.667	69	42419	20.10	ug/l	96
57) 1,3-Dichloropropane	10.944	76	69021	20.90	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.944	63	88100	82.96	ug/l	100
59) 2-Hexanone	10.985	43	90421	95.57	ug/l	98
60) Dibromochloromethane	11.144	129	48376	20.79	ug/l	97
61) 1,2-Dibromoethane	11.250	107	37333	20.72	ug/l	100
64) Tetrachloroethene	10.879	164	46044	20.13	ug/l	95
65) Chlorobenzene	11.673	112	142030	20.20	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.744	131	52273	20.82	ug/l	98
67) Ethyl Benzene	11.744	91	260253	20.75	ug/l	100
68) m/p-Xylenes	11.855	106	203308	42.54	ug/l	100
69) o-Xylene	12.185	106	87076	20.36	ug/l	99
70) Styrene	12.197	104	155762	21.08	ug/l	99
71) Bromoform	12.361	173	23774	18.74	ug/l #	91
73) Isopropylbenzene	12.479	105	242641	21.35	ug/l	98
74) N-amyl acetate	12.291	43	49149	19.05	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.732	83	44635	21.17	ug/l	99
76) 1,2,3-Trichloropropane	12.785	75	25535m	19.81	ug/l	
77) Bromobenzene	12.761	156	53920	20.75	ug/l	95
78) n-propylbenzene	12.820	91	307505	21.77	ug/l	99
79) 2-Chlorotoluene	12.908	91	171288	21.46	ug/l	97
80) 1,3,5-Trimethylbenzene	12.961	105	202783	21.49	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.532	75	13381	21.28	ug/l	98
82) 4-Chlorotoluene	13.002	91	186654	22.26	ug/l	97
83) tert-Butylbenzene	13.226	119	161821	20.85	ug/l	97
84) 1,2,4-Trimethylbenzene	13.267	105	205974	21.76	ug/l	99
85) sec-Butylbenzene	13.402	105	247140	21.76	ug/l	98
86) p-Isopropyltoluene	13.514	119	213775	21.39	ug/l	98
87) 1,3-Dichlorobenzene	13.514	146	104710	20.26	ug/l	98
88) 1,4-Dichlorobenzene	13.596	146	103539	20.29	ug/l	97
89) n-Butylbenzene	13.844	91	210426	21.23	ug/l	99
90) Hexachloroethane	14.114	117	44041	21.57	ug/l	85
91) 1,2-Dichlorobenzene	13.891	146	88668	20.38	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.508	75	5981	18.12	ug/l	95
93) 1,2,4-Trichlorobenzene	15.161	180	50341	19.49	ug/l	96
94) Hexachlorobutadiene	15.267	225	29862	19.75	ug/l	95
95) Naphthalene	15.402	128	82878	18.15	ug/l	96
96) 1,2,3-Trichlorobenzene	15.596	180	42043	18.84	ug/l	98

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

