

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021921\
 Data File : VD068397.D
 Acq On : 19 Feb 2021 13:49
 Operator : VA/SY
 Sample : VD0219SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0219SBS01

Manual Integrations
 APPROVED

MMDadoda
 2/22/2021 4:58:04 PM

Quant Time: Feb 19 23:30:01 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021221S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 12 13:30:51 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	340905	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	593447	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	540044	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	242380	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	190233	54.58	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 109.16%			
35) Dibromofluoromethane	7.920	113	191735	54.43	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 108.86%			
50) Toluene-d8	10.344	98	783638	53.67	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 107.34%			
62) 4-Bromofluorobenzene	12.632	95	247435	52.03	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 104.06%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.991	85	63103	20.20	ug/l	96
3) Chloromethane	2.209	50	74279	19.97	ug/l	95
4) Vinyl Chloride	2.350	62	89770	20.16	ug/l	99
5) Bromomethane	2.762	94	64492	20.27	ug/l	99
6) Chloroethane	2.920	64	59573	20.49	ug/l	93
7) Trichlorofluoromethane	3.273	101	113666	20.74	ug/l	99
8) Diethyl Ether	3.715	74	32006	19.89	ug/l	91
9) 1,1,2-Trichlorotrifluo...	4.103	101	69693	20.90	ug/l	93
10) Methyl Iodide	4.303	142	62010	19.80	ug/l	95
11) Tert butyl alcohol	5.214	59	30519	174.67	ug/l #	85
12) 1,1-Dichloroethene	4.067	96	66721	20.58	ug/l	91
13) Acrolein	3.926	56	16664	83.40	ug/l	98
14) Allyl chloride	4.720	41	88608	21.02	ug/l	97
15) Acrylonitrile	5.426	53	70860	102.01	ug/l	99
16) Acetone	4.156	43	52375	97.41	ug/l	100
17) Carbon Disulfide	4.414	76	190266	20.26	ug/l	99
18) Methyl Acetate	4.720	43	29140	19.75	ug/l	91
19) Methyl tert-butyl Ether	5.485	73	150322	20.55	ug/l	95
20) Methylene Chloride	4.967	84	87207	21.62	ug/l #	85
21) trans-1,2-Dichloroethene	5.473	96	78732	20.98	ug/l	95
22) Diisopropyl ether	6.361	45	199433	21.38	ug/l #	91
23) Vinyl Acetate	6.308	43	503329	104.50	ug/l	98
24) 1,1-Dichloroethane	6.267	63	133873	20.97	ug/l	97
25) 2-Butanone	7.214	43	79055	105.15	ug/l	96
26) 2,2-Dichloropropane	7.208	77	115896	21.23	ug/l	99
27) cis-1,2-Dichloroethene	7.214	96	87580	20.53	ug/l	92
28) Bromochloromethane	7.550	49	55563	20.99	ug/l #	77
29) Tetrahydrofuran	7.567	42	47800	98.29	ug/l	97
30) Chloroform	7.708	83	139988	21.09	ug/l	98
31) Cyclohexane	7.985	56	120271	22.15	ug/l	95
32) 1,1,1-Trichloroethane	7.903	97	120528	21.01	ug/l	94
36) 1,1-Dichloropropene	8.114	75	107671	20.51	ug/l	96
37) Ethyl Acetate	7.297	43	35655	20.10	ug/l	97
38) Carbon Tetrachloride	8.097	117	106335	21.23	ug/l	97
39) Methylcyclohexane	9.355	83	131867	20.48	ug/l	96
40) Benzene	8.355	78	315820	21.09	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.526	41	20636	20.21	ug/l	93
42) 1,2-Dichloroethane	8.426	62	83324	20.86	ug/l	97
43) Isopropyl Acetate	8.455	43	68469	20.15	ug/l	98
44) Trichloroethene	9.114	130	85675	21.02	ug/l	98
45) 1,2-Dichloropropane	9.391	63	78453	21.47	ug/l	98
46) Dibromomethane	9.479	93	39806	20.08	ug/l	93
47) Bromodichloromethane	9.661	83	109146	21.24	ug/l	97
48) Methyl methacrylate	9.455	41	32428	19.13	ug/l	89
49) 1,4-Dioxane	9.467	88	9341	403.34	ug/l #	83
51) 4-Methyl-2-Pentanone	10.232	43	177762	101.88	ug/l	98
52) Toluene	10.408	92	201948	20.98	ug/l	95
53) t-1,3-Dichloropropene	10.620	75	100001	21.03	ug/l	100
54) cis-1,3-Dichloropropene	10.091	75	121446	20.90	ug/l	99
55) 1,1,2-Trichloroethane	10.802	97	56223	20.53	ug/l	96
56) Ethyl methacrylate	10.661	69	65431	20.14	ug/l	96
57) 1,3-Dichloropropane	10.949	76	96909	20.17	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.944	63	176147	101.25	ug/l	91
59) 2-Hexanone	10.985	43	118405	100.39	ug/l	100
60) Dibromochloromethane	11.144	129	69025	20.31	ug/l	99
61) 1,2-Dibromoethane	11.244	107	53220	20.11	ug/l	100
64) Tetrachloroethene	10.879	164	68792	20.70	ug/l	97
65) Chlorobenzene	11.673	112	213192	20.53	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.743	131	74276	20.50	ug/l	98
67) Ethyl Benzene	11.743	91	387095	20.79	ug/l	94
68) m/p-Xylenes	11.855	106	290532	41.29	ug/l	98
69) o-Xylene	12.179	106	132311	20.50	ug/l	99
70) Styrene	12.196	104	231280	20.60	ug/l	99
71) Bromoform	12.361	173	37409	20.10	ug/l #	96
73) Isopropylbenzene	12.479	105	371645	20.99	ug/l	99
74) N-amyl acetate	12.291	43	61775	19.76	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.726	83	64360	20.98	ug/l	97
76) 1,2,3-Trichloropropane	12.785	75	45777m	19.85	ug/l	
77) Bromobenzene	12.761	156	82466	20.85	ug/l	91
78) n-propylbenzene	12.820	91	447171	21.10	ug/l	97
79) 2-Chlorotoluene	12.908	91	243963	20.78	ug/l	98
80) 1,3,5-Trimethylbenzene	12.961	105	301986	20.87	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.526	75	18488	20.09	ug/l	94
82) 4-Chlorotoluene	13.002	91	258958	20.87	ug/l	97
83) tert-Butylbenzene	13.220	119	262897	20.95	ug/l	99
84) 1,2,4-Trimethylbenzene	13.267	105	302613	20.99	ug/l	99
85) sec-Butylbenzene	13.396	105	368565	21.00	ug/l	98
86) p-Isopropyltoluene	13.514	119	329347	20.90	ug/l	99
87) 1,3-Dichlorobenzene	13.514	146	156776	20.49	ug/l	97
88) 1,4-Dichlorobenzene	13.596	146	157171	20.64	ug/l	98
89) n-Butylbenzene	13.843	91	318508	20.71	ug/l	98
90) Hexachloroethane	14.108	117	59939	20.95	ug/l	88
91) 1,2-Dichlorobenzene	13.890	146	136879	20.63	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.502	75	8559	19.08	ug/l	86
93) 1,2,4-Trichlorobenzene	15.155	180	92860	21.37	ug/l	97
94) Hexachlorobutadiene	15.267	225	49538	20.73	ug/l	100
95) Naphthalene	15.396	128	160067	19.81	ug/l	99
96) 1,2,3-Trichlorobenzene	15.590	180	76008	20.05	ug/l	99

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

