

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031121\
 Data File : VD068582.D
 Acq On : 11 Mar 2021 13:41
 Operator : VA/SY
 Sample : VD0311SBSD01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0311SBSD01

Manual Integrations
 APPROVED

MMDadoda
 3/12/2021 2:01:25 PM

Quant Time: Mar 12 00:10:45 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D022621S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 26 14:04:14 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	272510	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	462937	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	422402	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	198328	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	128184	47.08	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	94.16%		
35) Dibromofluoromethane	7.914	113	137709	49.38	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	98.76%		
50) Toluene-d8	10.338	98	528224	47.55	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	95.10%		
62) 4-Bromofluorobenzene	12.632	95	171118	47.80	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	95.60%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.985	85	51678	19.54	ug/l	99
3) Chloromethane	2.209	50	63017	18.86	ug/l	91
4) Vinyl Chloride	2.350	62	80636	20.32	ug/l	99
5) Bromomethane	2.756	94	56199	19.89	ug/l	100
6) Chloroethane	2.915	64	52338	20.40	ug/l	92
7) Trichlorofluoromethane	3.273	101	93805	20.72	ug/l	99
8) Diethyl Ether	3.709	74	25909	19.22	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.097	101	58176	21.09	ug/l	94
10) Methyl Iodide	4.297	142	55322	18.51	ug/l	94
11) Tert butyl alcohol	5.215	59	18633	128.17	ug/l	96
12) 1,1-Dichloroethene	4.062	96	54715	19.99	ug/l	93
13) Acrolein	3.915	56	19064	91.75	ug/l	94
14) Allyl chloride	4.715	41	69034	19.54	ug/l	99
15) Acrylonitrile	5.420	53	65076	114.40	ug/l	98
16) Acetone	4.156	43	49892	115.36	ug/l #	88
17) Carbon Disulfide	4.409	76	170964	19.07	ug/l	100
18) Methyl Acetate	4.720	43	23235	20.84	ug/l	93
19) Methyl tert-butyl Ether	5.473	73	138049	23.27	ug/l #	91
20) Methylene Chloride	4.962	84	74626	20.63	ug/l	91
21) trans-1,2-Dichloroethene	5.467	96	75148	23.00	ug/l	94
22) Diisopropyl ether	6.362	45	150902	19.39	ug/l #	93
23) Vinyl Acetate	6.303	43	394938	97.83	ug/l	98
24) 1,1-Dichloroethane	6.262	63	108202	20.29	ug/l	97
25) 2-Butanone	7.209	43	65392	105.18	ug/l	97
26) 2,2-Dichloropropane	7.209	77	93968	21.15	ug/l	97
27) cis-1,2-Dichloroethene	7.214	96	72200	20.13	ug/l	99
28) Bromochloromethane	7.550	49	41651	20.01	ug/l	82
29) Tetrahydrofuran	7.561	42	41351	102.43	ug/l	97
30) Chloroform	7.708	83	112240	19.93	ug/l	97
31) Cyclohexane	7.985	56	96521	19.49	ug/l	95
32) 1,1,1-Trichloroethane	7.903	97	100176	20.84	ug/l	96
36) 1,1-Dichloropropene	8.114	75	88616	20.14	ug/l	97
37) Ethyl Acetate	7.297	43	30917	21.18	ug/l	96
38) Carbon Tetrachloride	8.097	117	87487	21.16	ug/l	94
39) Methylcyclohexane	9.355	83	108192	19.94	ug/l	97
40) Benzene	8.350	78	252288	19.99	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.520	41	17139m	20.22	ug/l	
42) 1,2-Dichloroethane	8.426	62	68912	20.76	ug/l	100
43) Isopropyl Acetate	8.456	43	55624	20.73	ug/l	97
44) Trichloroethene	9.114	130	70003	20.20	ug/l	99
45) 1,2-Dichloropropane	9.391	63	61848	20.50	ug/l	97
46) Dibromomethane	9.473	93	32771	19.96	ug/l	95
47) Bromodichloromethane	9.661	83	85554	20.15	ug/l	96
48) Methyl methacrylate	9.455	41	30596	21.39	ug/l	98
49) 1,4-Dioxane	9.461	88	7954	424.86	ug/l #	76
51) 4-Methyl-2-Pentanone	10.232	43	147327	104.92	ug/l	97
52) Toluene	10.402	92	163324	20.26	ug/l	93
53) t-1,3-Dichloropropene	10.620	75	80475	20.50	ug/l	98
54) cis-1,3-Dichloropropene	10.091	75	96637	20.18	ug/l	99
55) 1,1,2-Trichloroethane	10.802	97	47071	20.72	ug/l	88
56) Ethyl methacrylate	10.667	69	51666	19.79	ug/l	97
57) 1,3-Dichloropropane	10.950	76	79921	20.15	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.944	63	130603	99.69	ug/l	92
59) 2-Hexanone	10.985	43	105158	112.35	ug/l	99
60) Dibromochloromethane	11.144	129	58190	20.69	ug/l	97
61) 1,2-Dibromoethane	11.244	107	43813	19.71	ug/l	96
64) Tetrachloroethene	10.879	164	57789	20.95	ug/l	95
65) Chlorobenzene	11.667	112	177019	20.58	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.744	131	61465	20.56	ug/l	98
67) Ethyl Benzene	11.744	91	310047	20.19	ug/l	99
68) m/p-Xylenes	11.855	106	232237	39.82	ug/l	99
69) o-Xylene	12.179	106	106757	19.88	ug/l	94
70) Styrene	12.191	104	184540	20.09	ug/l	96
71) Bromoform	12.361	173	32729	21.55	ug/l #	98
73) Isopropylbenzene	12.479	105	295408	20.08	ug/l	98
74) N-amyl acetate	12.285	43	52506	20.95	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.732	83	53297	21.06	ug/l	99
76) 1,2,3-Trichloropropane	12.779	75	34148m	19.39	ug/l	
77) Bromobenzene	12.761	156	66956	19.95	ug/l	93
78) n-propylbenzene	12.820	91	361389	20.56	ug/l	98
79) 2-Chlorotoluene	12.908	91	197795	20.28	ug/l	97
80) 1,3,5-Trimethylbenzene	12.955	105	245272	20.34	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.526	75	16869	22.36	ug/l	92
82) 4-Chlorotoluene	13.002	91	206724	20.14	ug/l	99
83) tert-Butylbenzene	13.220	119	211537	20.61	ug/l	98
84) 1,2,4-Trimethylbenzene	13.267	105	244463	20.25	ug/l	99
85) sec-Butylbenzene	13.396	105	297020	20.48	ug/l	99
86) p-Isopropyltoluene	13.514	119	266949	20.28	ug/l	99
87) 1,3-Dichlorobenzene	13.514	146	131679	20.31	ug/l	99
88) 1,4-Dichlorobenzene	13.591	146	134650	20.96	ug/l	98
89) n-Butylbenzene	13.838	91	258162	20.33	ug/l	97
90) Hexachloroethane	14.108	117	54789	20.94	ug/l	94
91) 1,2-Dichlorobenzene	13.885	146	112608	20.25	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.502	75	9374	21.01	ug/l	90
93) 1,2,4-Trichlorobenzene	15.155	180	86127	20.05	ug/l	99
94) Hexachlorobutadiene	15.267	225	47990	20.13	ug/l	95
95) Naphthalene	15.396	128	154682	19.89	ug/l	98
96) 1,2,3-Trichlorobenzene	15.585	180	74637	20.07	ug/l	97

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

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