

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022621\
 Data File : VD068459.D
 Acq On : 26 Feb 2021 16:29
 Operator : VA/SY
 Sample : VD0226SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0226SBS01

Manual Integrations
 APPROVED

MMDadoda
 3/1/2021 10:05:40 AM

Quant Time: Feb 26 21:48:07 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	305059	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	537630	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	498565	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.572	152	224894	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	155533	51.03	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 102.06%			
35) Dibromofluoromethane	7.920	113	162651	50.22	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 100.44%			
50) Toluene-d8	10.343	98	647422	50.19	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 100.38%			
62) 4-Bromofluorobenzene	12.631	95	211298	50.82	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 101.64%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.991	85	62670	21.17	ug/l	96
3) Chloromethane	2.208	50	79794	21.33	ug/l	97
4) Vinyl Chloride	2.350	62	91570	20.61	ug/l	99
5) Bromomethane	2.761	94	69292	21.91	ug/l	89
6) Chloroethane	2.920	64	58644	20.41	ug/l	97
7) Trichlorofluoromethane	3.273	101	102230	20.17	ug/l	88
8) Diethyl Ether	3.714	74	31126	20.63	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.102	101	64227	20.80	ug/l	92
10) Methyl Iodide	4.302	142	60259	18.08	ug/l	96
11) Tert butyl alcohol	5.226	59	17203	105.71	ug/l	99
12) 1,1-Dichloroethene	4.073	96	63854	20.84	ug/l	86
13) Acrolein	3.920	56	26023	111.88	ug/l	95
14) Allyl chloride	4.714	41	82721	20.91	ug/l	95
15) Acrylonitrile	5.426	53	66792	104.88	ug/l	98
16) Acetone	4.161	43	43576	90.01	ug/l #	85
17) Carbon Disulfide	4.408	76	210590	20.98	ug/l	97
18) Methyl Acetate	4.714	43	27001	21.64	ug/l	92
19) Methyl tert-butyl Ether	5.479	73	133300	20.07	ug/l	93
20) Methylene Chloride	4.967	84	83255	20.54	ug/l	92
21) trans-1,2-Dichloroethene	5.479	96	76336	20.87	ug/l	94
22) Diisopropyl ether	6.367	45	180987	20.78	ug/l	94
23) Vinyl Acetate	6.308	43	460468	101.89	ug/l	99
24) 1,1-Dichloroethane	6.267	63	127863	21.41	ug/l	99
25) 2-Butanone	7.214	43	67567	97.09	ug/l	95
26) 2,2-Dichloropropane	7.208	77	99756	20.05	ug/l	100
27) cis-1,2-Dichloroethene	7.214	96	84978	21.16	ug/l	99
28) Bromochloromethane	7.549	49	48113	20.64	ug/l #	79
29) Tetrahydrofuran	7.567	42	45730	101.19	ug/l	97
30) Chloroform	7.714	83	132930	21.08	ug/l	98
31) Cyclohexane	7.990	56	113278	20.44	ug/l #	93
32) 1,1,1-Trichloroethane	7.902	97	113895	21.16	ug/l	94
36) 1,1-Dichloropropene	8.114	75	104718	20.49	ug/l	96
37) Ethyl Acetate	7.290	43	33845	19.96	ug/l #	96
38) Carbon Tetrachloride	8.096	117	98611	20.54	ug/l	95
39) Methylcyclohexane	9.355	83	130392	20.69	ug/l	97
40) Benzene	8.355	78	296401	20.22	ug/l	93

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.526	41	17302m	17.58	ug/l	
42) 1,2-Dichloroethane	8.426	62	79940	20.74	ug/l	99
43) Isopropyl Acetate	8.455	43	62242	19.97	ug/l	97
44) Trichloroethene	9.114	130	81012	20.13	ug/l	88
45) 1,2-Dichloropropane	9.390	63	73093	20.86	ug/l	97
46) Dibromomethane	9.479	93	38856	20.38	ug/l	93
47) Bromodichloromethane	9.667	83	100835	20.45	ug/l	98
48) Methyl methacrylate	9.455	41	32640	19.65	ug/l	97
49) 1,4-Dioxane	9.467	88	9588	440.99	ug/l	98
51) 4-Methyl-2-Pentanone	10.231	43	162710	99.78	ug/l	97
52) Toluene	10.402	92	190942	20.40	ug/l	94
53) t-1,3-Dichloropropene	10.620	75	92918	20.39	ug/l	97
54) cis-1,3-Dichloropropene	10.090	75	114069	20.51	ug/l	98
55) 1,1,2-Trichloroethane	10.802	97	55025	20.86	ug/l	94
56) Ethyl methacrylate	10.661	69	61038	20.13	ug/l	97
57) 1,3-Dichloropropane	10.949	76	93048	20.21	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.943	63	145547	95.66	ug/l	91
59) 2-Hexanone	10.984	43	105444	97.01	ug/l	100
60) Dibromochloromethane	11.143	129	66058	20.23	ug/l	97
61) 1,2-Dibromoethane	11.243	107	51317	19.88	ug/l	95
64) Tetrachloroethene	10.879	164	65655	20.17	ug/l	99
65) Chlorobenzene	11.673	112	207566	20.44	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.743	131	69890	19.80	ug/l	95
67) Ethyl Benzene	11.743	91	370555	20.45	ug/l	100
68) m/p-Xylenes	11.849	106	278904	40.52	ug/l	100
69) o-Xylene	12.178	106	129705	20.46	ug/l	95
70) Styrene	12.196	104	219305	20.23	ug/l	99
71) Bromoform	12.361	173	35828	19.98	ug/l #	97
73) Isopropylbenzene	12.478	105	349804	20.97	ug/l	99
74) N-amyl acetate	12.290	43	56130	19.75	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.725	83	59348	20.68	ug/l	97
76) 1,2,3-Trichloropropane	12.784	75	41580m	20.83	ug/l	
77) Bromobenzene	12.761	156	79165	20.80	ug/l	92
78) n-propylbenzene	12.820	91	418613	21.00	ug/l	96
79) 2-Chlorotoluene	12.908	91	229288	20.73	ug/l	98
80) 1,3,5-Trimethylbenzene	12.961	105	288793	21.12	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.525	75	17215	20.12	ug/l	99
82) 4-Chlorotoluene	13.002	91	240489	20.66	ug/l	99
83) tert-Butylbenzene	13.220	119	244262	20.98	ug/l	99
84) 1,2,4-Trimethylbenzene	13.267	105	286045	20.89	ug/l	98
85) sec-Butylbenzene	13.402	105	340997	20.74	ug/l	99
86) p-Isopropyltoluene	13.514	119	307060	20.57	ug/l	98
87) 1,3-Dichlorobenzene	13.514	146	152441	20.74	ug/l	99
88) 1,4-Dichlorobenzene	13.590	146	153587	21.09	ug/l	98
89) n-Butylbenzene	13.837	91	294726	20.47	ug/l	98
90) Hexachloroethane	14.108	117	59162	19.94	ug/l	91
91) 1,2-Dichlorobenzene	13.884	146	134828	21.38	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.502	75	9783	19.34	ug/l	88
93) 1,2,4-Trichlorobenzene	15.155	180	100753	20.69	ug/l	100
94) Hexachlorobutadiene	15.267	225	56726	20.98	ug/l	96
95) Naphthalene	15.396	128	184204	20.89	ug/l	100
96) 1,2,3-Trichlorobenzene	15.590	180	83859	19.89	ug/l	100

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

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