

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD100120\
 Data File : VD066990.D
 Acq On : 01 Oct 2020 13:41
 Operator : VA/SY
 Sample : VSTDICC150
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC150

Manual Integrations
 APPROVED

MMDadoda
 10/2/2020 3:13:25 PM

Quant Time: Oct 01 15:09:02 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D100120S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 01 15:02:24 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	493180	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	777328	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	695047	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	328176	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	664194	139.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	279.64%	
35) Dibromofluoromethane	7.91	113	717090	140.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	281.82%	
50) Toluene-d8	10.34	98	2601513	140.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	280.58%	
62) 4-Bromofluorobenzene	12.63	95	891594	141.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	283.26%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	558173	124.646	ug/l	97
3) Chloromethane	2.21	50	536670	136.641	ug/l	97
4) Vinyl Chloride	2.35	62	526673	133.735	ug/l	99
5) Bromomethane	2.74	94	359162	125.124	ug/l	97
6) Chloroethane	2.91	64	308936	128.813	ug/l	96
7) Trichlorofluoromethane	3.27	101	1127078	128.814	ug/l	94
8) Diethyl Ether	3.71	74	323541	149.116	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.10	101	650582	131.551	ug/l	100
10) Methyl Iodide	4.30	142	771061	160.461	ug/l	98
11) Tert butyl alcohol	5.23	59	188651	466.532	ug/l	98
12) 1,1-Dichloroethene	4.07	96	629770	135.462	ug/l	99
13) Acrolein	3.92	56	224767	706.641	ug/l	99
14) Allyl chloride	4.71	41	889676	147.308	ug/l	98
15) Acrylonitrile	5.42	53	593971	743.804	ug/l	96
16) Acetone	4.16	43	498208	687.056	ug/l	100
17) Carbon Disulfide	4.41	76	1962521	137.550	ug/l	100
18) Methyl Acetate	4.71	43	268173	147.145	ug/l	99
19) Methyl tert-butyl Ether	5.48	73	1291965	152.229	ug/l	97
20) Methylene Chloride	4.97	84	704754	106.618	ug/l	98
21) trans-1,2-Dichloroethene	5.47	96	721082	136.289	ug/l	99
22) Diisopropyl ether	6.36	45	1529968	138.759	ug/l	98
23) Vinyl Acetate	6.30	43	4842027	774.963	ug/l	99
24) 1,1-Dichloroethane	6.27	63	1159828	136.300	ug/l	98
25) 2-Butanone	7.21	43	712764	693.301	ug/l	93
26) 2,2-Dichloropropane	7.21	77	1028216	125.939	ug/l	98
27) cis-1,2-Dichloroethene	7.21	96	778202	137.720	ug/l	100
28) Bromochloromethane	7.54	49	458370	139.483	ug/l	98
29) Tetrahydrofuran	7.56	42	436257	738.001	ug/l	97
30) Chloroform	7.71	83	1244115	134.778	ug/l	98
31) Cyclohexane	7.98	56	908819	127.393	ug/l	97
32) 1,1,1-Trichloroethane	7.90	97	1146712	134.043	ug/l	98
36) 1,1-Dichloropropene	8.11	75	957913	132.207	ug/l	99
37) Ethyl Acetate	7.29	43	347827	138.573	ug/l	98
38) Carbon Tetrachloride	8.10	117	1050451	133.993	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.35	83	1096655	143.160	ug/l	99
40) Benzene	8.35	78	2649728	131.664	ug/l	99
41) Methacrylonitrile	7.53	41	211231	155.770	ug/l #	100
42) 1,2-Dichloroethane	8.42	62	758995	134.967	ug/l	99
43) Isopropyl Acetate	8.45	43	682751	147.651	ug/l	99
44) Trichloroethene	9.11	130	813083	135.300	ug/l	98
45) 1,2-Dichloropropane	9.38	63	650967	137.666	ug/l	95
46) Dibromomethane	9.47	93	368547	135.607	ug/l	96
47) Bromodichloromethane	9.66	83	962449	136.234	ug/l	97
48) Methyl methacrylate	9.45	41	361356	152.537	ug/l	95
49) 1,4-Dioxane	9.46	88	78147	2755.072	ug/l	99
51) 4-Methyl-2-Pentanone	10.23	43	1633545	709.238	ug/l	100
52) Toluene	10.40	92	1750176	135.003	ug/l	100
53) t-1,3-Dichloropropene	10.62	75	903999	143.175	ug/l	96
54) cis-1,3-Dichloropropene	10.08	75	1079023	139.951	ug/l	98
55) 1,1,2-Trichloroethane	10.80	97	505946	133.901	ug/l	96
56) Ethyl methacrylate	10.66	69	616498	158.033	ug/l	96
57) 1,3-Dichloropropane	10.94	76	855695	139.653	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.94	63	1620800	746.472	ug/l	98
59) 2-Hexanone	10.98	43	1117596	726.996	ug/l	97
60) Dibromochloromethane	11.14	129	695457	138.094	ug/l	97
61) 1,2-Dibromoethane	11.24	107	506338	139.483	ug/l	97
64) Tetrachloroethene	10.87	164	665297	131.664	ug/l	98
65) Chlorobenzene	11.67	112	1858177	134.421	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.74	131	714932	135.963	ug/l	99
67) Ethyl Benzene	11.74	91	3326334	140.438	ug/l	99
68) m/p-Xylenes	11.85	106	2574951	278.960	ug/l	100
69) o-Xylene	12.18	106	1191056	144.293	ug/l	97
70) Styrene	12.20	104	2054728	144.964	ug/l	99
71) Bromoform	12.36	173	384933	141.027	ug/l #	99
73) Isopropylbenzene	12.48	105	3253382	145.999	ug/l	100
74) N-amyl acetate	12.29	43	599305	149.607	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.73	83	519485	138.364	ug/l	100
76) 1,2,3-Trichloropropane	12.78	75	418142m	149.483	ug/l	
77) Bromobenzene	12.76	156	753711	140.078	ug/l	99
78) n-propylbenzene	12.82	91	3738201	141.946	ug/l	99
79) 2-Chlorotoluene	12.91	91	2130868	141.420	ug/l	99
80) 1,3,5-Trimethylbenzene	12.96	105	2725716	144.777	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.53	75	169177	147.552	ug/l	97
82) 4-Chlorotoluene	13.01	91	2215140	138.177	ug/l	99
83) tert-Butylbenzene	13.23	119	2325810	146.700	ug/l	99
84) 1,2,4-Trimethylbenzene	13.27	105	2709653	144.217	ug/l	99
85) sec-Butylbenzene	13.40	105	3210317	143.788	ug/l	99
86) p-Isopropyltoluene	13.52	119	3025384	146.159	ug/l	100
87) 1,3-Dichlorobenzene	13.52	146	1438383	137.243	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	1427754	136.243	ug/l	99
89) n-Butylbenzene	13.85	91	2757543	145.767	ug/l	100
90) Hexachloroethane	14.11	117	523563	144.398	ug/l	100
91) 1,2-Dichlorobenzene	13.89	146	1264784	138.181	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	88057	145.497	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	903541	152.612	ug/l	99
94) Hexachlorobutadiene	15.27	225	517658	142.370	ug/l	99
95) Naphthalene	15.41	128	1692898	171.429	ug/l	100
96) 1,2,3-Trichlorobenzene	15.60	180	789837	153.678	ug/l	99

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

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