

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081120\
 Data File : VD066182.D
 Acq On : 11 Aug 2020 12:56
 Operator : VA/SY
 Sample : VD0811SBS01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0811SBS01

Manual Integrations
 APPROVED

MMDadoda
 8/12/2020 3:57:44 PM

Quant Time: Aug 11 15:30:16 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D080520S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 05 13:49:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.97	168	322859	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	467094	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	433781	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	225289	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	150240	52.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.32%	
35) Dibromofluoromethane	7.91	113	154073	52.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.14%	
50) Toluene-d8	10.33	98	585990	53.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.34%	
62) 4-Bromofluorobenzene	12.63	95	205201	52.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.26%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	57812	20.324	ug/l	98
3) Chloromethane	2.21	50	42447	19.183	ug/l	91
4) Vinyl Chloride	2.34	62	38605	19.707	ug/l	97
5) Bromomethane	2.75	94	26784	20.608	ug/l	97
6) Chloroethane	2.91	64	24177	20.106	ug/l	91
7) Trichlorofluoromethane	3.27	101	93738	18.354	ug/l	92
8) Diethyl Ether	3.71	74	26571	18.438	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.09	101	57766	19.059	ug/l	97
10) Methyl Iodide	4.30	142	53105	23.373	ug/l	99
11) Tert butyl alcohol	5.20	59	27221	104.443	ug/l #	76
12) 1,1-Dichloroethene	4.07	96	52407	18.329	ug/l	97
13) Acrolein	3.91	56	18159	79.202	ug/l	96
14) Allyl chloride	4.71	41	79572	18.370	ug/l	98
15) Acrylonitrile	5.42	53	56415	92.902	ug/l	98
16) Acetone	4.16	43	49862	91.233	ug/l	98
17) Carbon Disulfide	4.40	76	167097	18.380	ug/l	98
18) Methyl Acetate	4.71	43	24517	17.661	ug/l	97
19) Methyl tert-butyl Ether	5.48	73	115980	17.697	ug/l	96
20) Methylene Chloride	4.96	84	76087	21.591	ug/l	99
21) trans-1,2-Dichloroethene	5.47	96	59918	18.242	ug/l	93
22) Diisopropyl ether	6.36	45	160923	18.786	ug/l	98
23) Vinyl Acetate	6.30	43	459714	91.607	ug/l	96
24) 1,1-Dichloroethane	6.26	63	98958	18.667	ug/l	99
25) 2-Butanone	7.21	43	73303	91.190	ug/l	92
26) 2,2-Dichloropropane	7.20	77	90776	19.105	ug/l	97
27) cis-1,2-Dichloroethene	7.20	96	64563	18.740	ug/l	99
28) Bromochloromethane	7.54	49	42071	22.595	ug/l	95
29) Tetrahydrofuran	7.56	42	46424	93.214	ug/l	96
30) Chloroform	7.71	83	102074	18.337	ug/l	98
31) Cyclohexane	7.97	56	92802	18.390	ug/l	96
32) 1,1,1-Trichloroethane	7.90	97	97842	18.747	ug/l	98
36) 1,1-Dichloropropene	8.10	75	82256	18.740	ug/l	99
37) Ethyl Acetate	7.29	43	32282	18.563	ug/l	97
38) Carbon Tetrachloride	8.09	117	90724	18.535	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.35	83	98187	18.505	ug/l	96
40) Benzene	8.34	78	226076	18.567	ug/l	98
41) Methacrylonitrile	7.52	41	18243	17.841	ug/l #	71
42) 1,2-Dichloroethane	8.42	62	67019	18.736	ug/l	99
43) Isopropyl Acetate	8.45	43	63310	18.476	ug/l	99
44) Trichloroethene	9.11	130	66236	18.052	ug/l	99
45) 1,2-Dichloropropane	9.38	63	56029	18.815	ug/l	96
46) Dibromomethane	9.47	93	31495	19.200	ug/l	97
47) Bromodichloromethane	9.66	83	80380	18.540	ug/l	100
48) Methyl methacrylate	9.46	41	32664	18.669	ug/l	98
49) 1,4-Dioxane	9.46	88	7003	332.301	ug/l	91
51) 4-Methyl-2-Pentanone	10.23	43	158000	89.770	ug/l	99
52) Toluene	10.40	92	151324	18.887	ug/l	98
53) t-1,3-Dichloropropene	10.61	75	77049	18.727	ug/l	97
54) cis-1,3-Dichloropropene	10.08	75	89572	18.582	ug/l	96
55) 1,1,2-Trichloroethane	10.80	97	43964	18.613	ug/l	92
56) Ethyl methacrylate	10.66	69	50953	17.957	ug/l	98
57) 1,3-Dichloropropane	10.94	76	72173	18.405	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.94	63	133743	104.787	ug/l	99
59) 2-Hexanone	10.98	43	106585	86.287	ug/l	99
60) Dibromochloromethane	11.14	129	59630	18.286	ug/l	99
61) 1,2-Dibromoethane	11.24	107	41573	18.301	ug/l	99
64) Tetrachloroethene	10.87	164	60590	18.190	ug/l	96
65) Chlorobenzene	11.67	112	165738	18.821	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.74	131	62551	18.154	ug/l	98
67) Ethyl Benzene	11.74	91	288998	18.939	ug/l	97
68) m/p-Xylenes	11.86	106	224351	37.947	ug/l	99
69) o-Xylene	12.18	106	100933	18.767	ug/l	98
70) Styrene	12.20	104	177930	18.878	ug/l	99
71) Bromoform	12.36	173	35426	17.354	ug/l #	96
73) Isopropylbenzene	12.48	105	276786	18.405	ug/l	98
74) N-amyl acetate	12.29	43	60054	18.134	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.73	83	47056	18.350	ug/l	98
76) 1,2,3-Trichloropropane	12.78	75	37047m	19.719	ug/l	
77) Bromobenzene	12.76	156	72965	18.848	ug/l	96
78) n-propylbenzene	12.82	91	328946	18.817	ug/l	99
79) 2-Chlorotoluene	12.91	91	185957	18.599	ug/l	98
80) 1,3,5-Trimethylbenzene	12.96	105	238789	18.986	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.53	75	15310	18.014	ug/l	97
82) 4-Chlorotoluene	13.01	91	199800	18.930	ug/l	100
83) tert-Butylbenzene	13.23	119	201093	18.181	ug/l	98
84) 1,2,4-Trimethylbenzene	13.27	105	239604	19.037	ug/l	99
85) sec-Butylbenzene	13.40	105	280650	18.794	ug/l	99
86) p-Isopropyltoluene	13.52	119	261532	18.673	ug/l	100
87) 1,3-Dichlorobenzene	13.52	146	132803	18.253	ug/l	96
88) 1,4-Dichlorobenzene	13.60	146	134106	18.482	ug/l	99
89) n-Butylbenzene	13.85	91	236753	18.867	ug/l	99
90) Hexachloroethane	14.11	117	51776	18.535	ug/l	99
91) 1,2-Dichlorobenzene	13.89	146	116486	18.103	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.51	75	8452	19.177	ug/l	91

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	84011	17.717	ug/l	97
94) Hexachlorobutadiene	15.27	225	52039	18.637	ug/l	96
95) Naphthalene	15.41	128	136385	17.652	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	74305	17.751	ug/l	98

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

