

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081020\
 Data File : VD066164.D
 Acq On : 10 Aug 2020 15:06
 Operator : VA/SY
 Sample : VD0810SBS01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0810SBS01

Manual Integrations
 APPROVED

MMDadoda
 8/11/2020 3:19:25 PM

Quant Time: Aug 11 05:35:29 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	322886	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	471900	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	439944	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	226156	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	148304	51.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.96%	
35) Dibromofluoromethane	7.91	113	151227	50.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.18%	
50) Toluene-d8	10.34	98	577885	52.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.76%	
62) 4-Bromofluorobenzene	12.63	95	205456	51.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.34%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	58019	20.395	ug/l	94
3) Chloromethane	2.20	50	41972	18.967	ug/l	90
4) Vinyl Chloride	2.34	62	37480	19.131	ug/l	100
5) Bromomethane	2.74	94	24540	18.880	ug/l	95
6) Chloroethane	2.91	64	23106	19.213	ug/l #	82
7) Trichlorofluoromethane	3.26	101	94907	18.581	ug/l	98
8) Diethyl Ether	3.70	74	26658	18.497	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.09	101	56526	18.648	ug/l	99
10) Methyl Iodide	4.29	142	53282	23.427	ug/l	98
11) Tert butyl alcohol	5.20	59	24661	90.397	ug/l #	85
12) 1,1-Dichloroethene	4.06	96	52995	18.533	ug/l	88
13) Acrolein	3.91	56	19235	83.889	ug/l	100
14) Allyl chloride	4.70	41	79636	18.383	ug/l	99
15) Acrylonitrile	5.41	53	57605	94.853	ug/l	97
16) Acetone	4.16	43	52899	96.782	ug/l	94
17) Carbon Disulfide	4.40	76	162030	17.821	ug/l	98
18) Methyl Acetate	4.71	43	25190	18.144	ug/l	98
19) Methyl tert-butyl Ether	5.47	73	117449	17.920	ug/l	100
20) Methylene Chloride	4.96	84	73686	20.745	ug/l	98
21) trans-1,2-Dichloroethene	5.46	96	60109	18.298	ug/l	94
22) Diisopropyl ether	6.36	45	160010	18.678	ug/l	93
23) Vinyl Acetate	6.30	43	465349	92.722	ug/l	99
24) 1,1-Dichloroethane	6.26	63	99145	18.701	ug/l	97
25) 2-Butanone	7.20	43	72965	90.762	ug/l	98
26) 2,2-Dichloropropane	7.20	77	90864	19.122	ug/l	99
27) cis-1,2-Dichloroethene	7.20	96	62646	18.182	ug/l	100
28) Bromochloromethane	7.54	49	42087	22.602	ug/l	96
29) Tetrahydrofuran	7.56	42	44800	89.946	ug/l	98
30) Chloroform	7.70	83	100742	18.097	ug/l	91
31) Cyclohexane	7.98	56	94156	18.657	ug/l	95
32) 1,1,1-Trichloroethane	7.90	97	94466	18.098	ug/l	99
36) 1,1-Dichloropropene	8.10	75	80814	18.224	ug/l	99
37) Ethyl Acetate	7.28	43	33694	19.177	ug/l	97
38) Carbon Tetrachloride	8.08	117	89887	18.177	ug/l	90

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.35	83	97284	18.148	ug/l	93
40) Benzene	8.34	78	225424	18.325	ug/l	96
41) Methacrylonitrile	7.53	41	18800m	18.198	ug/l	
42) 1,2-Dichloroethane	8.42	62	64626	17.883	ug/l	99
43) Isopropyl Acetate	8.44	43	61182	17.674	ug/l	99
44) Trichloroethene	9.11	130	66722	18.000	ug/l	94
45) 1,2-Dichloropropane	9.38	63	56435	18.758	ug/l	94
46) Dibromomethane	9.47	93	31076	18.752	ug/l	97
47) Bromodichloromethane	9.66	83	79813	18.222	ug/l	93
48) Methyl methacrylate	9.45	41	27793	15.723	ug/l	88
49) 1,4-Dioxane	9.46	88	7737	363.391	ug/l	96
51) 4-Methyl-2-Pentanone	10.23	43	158946	89.388	ug/l	98
52) Toluene	10.40	92	148792	18.382	ug/l	97
53) t-1,3-Dichloropropene	10.62	75	77088	18.546	ug/l	98
54) cis-1,3-Dichloropropene	10.08	75	90172	18.516	ug/l	98
55) 1,1,2-Trichloroethane	10.80	97	43338	18.161	ug/l	96
56) Ethyl methacrylate	10.66	69	52648	18.366	ug/l	97
57) 1,3-Dichloropropane	10.94	76	73836	18.638	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.94	63	138000	107.021	ug/l	98
59) 2-Hexanone	10.98	43	112753	90.351	ug/l	97
60) Dibromochloromethane	11.14	129	59790	18.148	ug/l	100
61) 1,2-Dibromoethane	11.24	107	42571	18.550	ug/l	99
64) Tetrachloroethene	10.87	164	59272	17.545	ug/l	96
65) Chlorobenzene	11.67	112	166474	18.640	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.74	131	61598	17.627	ug/l	98
67) Ethyl Benzene	11.74	91	287504	18.577	ug/l	99
68) m/p-Xylenes	11.86	106	221053	36.865	ug/l	99
69) o-Xylene	12.18	106	99840	18.304	ug/l	99
70) Styrene	12.20	104	177861	18.606	ug/l	99
71) Bromoform	12.36	173	36184	17.477	ug/l #	96
73) Isopropylbenzene	12.48	105	277890	18.408	ug/l	100
74) N-amyl acetate	12.29	43	57940	17.429	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.73	83	47445	18.431	ug/l	99
76) 1,2,3-Trichloropropane	12.78	75	39062m	20.712	ug/l	
77) Bromobenzene	12.76	156	70968	18.262	ug/l	98
78) n-propylbenzene	12.82	91	330236	18.818	ug/l	100
79) 2-Chlorotoluene	12.91	91	187921	18.724	ug/l	99
80) 1,3,5-Trimethylbenzene	12.96	105	237648	18.823	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.53	75	16118	18.892	ug/l	99
82) 4-Chlorotoluene	13.01	91	196812	18.576	ug/l	99
83) tert-Butylbenzene	13.23	119	202114	18.203	ug/l	98
84) 1,2,4-Trimethylbenzene	13.27	105	232173	18.375	ug/l	97
85) sec-Butylbenzene	13.41	105	280176	18.690	ug/l	99
86) p-Isopropyltoluene	13.52	119	267071	18.995	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	138119	18.911	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	134891	18.519	ug/l	99
89) n-Butylbenzene	13.85	91	237186	18.829	ug/l	99
90) Hexachloroethane	14.11	117	51162	18.245	ug/l	99
91) 1,2-Dichlorobenzene	13.90	146	117585	18.204	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.51	75	7490	16.929	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	84641	17.781	ug/l	98
94) Hexachlorobutadiene	15.27	225	51259	18.287	ug/l	99
95) Naphthalene	15.41	128	137997	17.792	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	75663	18.006	ug/l	97

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

