

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD033120\
 Data File : VD065560.D
 Acq On : 31 Mar 2020 12:28
 Operator : VA/SY
 Sample : VD0331SBS01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0331SBS01

Quant Time: Apr 01 06:58:42 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D032620S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 01:47:48 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	510009	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	733039	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	676513	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	340396	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.34	65	212643	50.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.18%	
35) Dibromofluoromethane	7.92	113	233209	51.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.08%	
50) Toluene-d8	10.34	98	893466	52.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.20%	
62) 4-Bromofluorobenzene	12.64	95	287197	53.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.54%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	76102	24.404	ug/l	99
3) Chloromethane	2.21	50	99846	23.132	ug/l	100
4) Vinyl Chloride	2.36	62	99464	21.104	ug/l	99
5) Bromomethane	2.77	94	70210	21.878	ug/l	93
6) Chloroethane	2.93	64	61136	20.074	ug/l	100
7) Trichlorofluoromethane	3.27	101	153059	21.768	ug/l	97
8) Diethyl Ether	3.71	74	43350	19.430	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.09	101	97472	21.019	ug/l	99
10) Methyl Iodide	4.30	142	94390	17.591	ug/l	99
11) Tert butyl alcohol	5.24	59	25049m	104.922	ug/l	
12) 1,1-Dichloroethene	4.06	96	89850	20.392	ug/l	95
13) Acrolein	3.92	56	33882	84.057	ug/l	98
14) Allyl chloride	4.71	41	132393	19.748	ug/l	99
15) Acrylonitrile	5.43	53	89713	97.651	ug/l	98
16) Acetone	4.17	43	81828	102.150	ug/l	97
17) Carbon Disulfide	4.40	76	298146	20.526	ug/l	100
18) Methyl Acetate	4.73	43	40562	19.473	ug/l	98
19) Methyl tert-butyl Ether	5.48	73	163916	18.654	ug/l	95
20) Methylene Chloride	4.96	84	109525	18.675	ug/l	95
21) trans-1,2-Dichloroethene	5.47	96	103035	20.326	ug/l	97
22) Diisopropyl ether	6.37	45	263956	20.304	ug/l	96
23) Vinyl Acetate	6.31	43	682368	96.364	ug/l	100
24) 1,1-Dichloroethane	6.27	63	169611	20.574	ug/l	98
25) 2-Butanone	7.22	43	105188	96.689	ug/l	98
26) 2,2-Dichloropropane	7.21	77	151467	20.748	ug/l	99
27) cis-1,2-Dichloroethene	7.21	96	105957	20.171	ug/l	99
28) Bromochloromethane	7.54	49	70101	20.452	ug/l	100
29) Tetrahydrofuran	7.57	42	64453	91.412	ug/l	99
30) Chloroform	7.71	83	178833	20.942	ug/l	97
31) Cyclohexane	7.98	56	157199	19.698	ug/l	92
32) 1,1,1-Trichloroethane	7.91	97	159011	20.611	ug/l	99
36) 1,1-Dichloropropene	8.11	75	136532	20.386	ug/l	99
37) Ethyl Acetate	7.30	43	50049	19.522	ug/l	100
38) Carbon Tetrachloride	8.10	117	147186	20.865	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	154860	19.612	ug/l	98
40) Benzene	8.36	78	405852	21.236	ug/l	98
41) Methacrylonitrile	7.53	41	29808	20.142	ug/l	92
42) 1,2-Dichloroethane	8.43	62	103761	20.403	ug/l	99
43) Isopropyl Acetate	8.46	43	87219	18.735	ug/l	95
44) Trichloroethene	9.11	130	112274	20.247	ug/l	96
45) 1,2-Dichloropropane	9.39	63	96489	20.784	ug/l	93
46) Dibromomethane	9.48	93	51364	21.085	ug/l	99
47) Bromodichloromethane	9.67	83	134426	20.830	ug/l	96
48) Methyl methacrylate	9.46	41	40452	18.274	ug/l	98
49) 1,4-Dioxane	9.47	88	11401	430.398	ug/l	95
51) 4-Methyl-2-Pentanone	10.23	43	239085	101.765	ug/l	98
52) Toluene	10.41	92	257725	21.294	ug/l	99
53) t-1,3-Dichloropropene	10.63	75	118144	20.016	ug/l	100
54) cis-1,3-Dichloropropene	10.10	75	150949	20.903	ug/l	99
55) 1,1,2-Trichloroethane	10.80	97	72003	20.720	ug/l	93
56) Ethyl methacrylate	10.67	69	70188	18.742	ug/l	97
57) 1,3-Dichloropropane	10.95	76	117463	20.087	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.94	63	192070	97.398	ug/l	100
59) 2-Hexanone	10.99	43	155475	97.059	ug/l	96
60) Dibromochloromethane	11.14	129	93770	20.362	ug/l	99
61) 1,2-Dibromoethane	11.25	107	66278	19.706	ug/l	97
64) Tetrachloroethene	10.88	164	98629	20.352	ug/l	98
65) Chlorobenzene	11.68	112	270764	20.472	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.75	131	102379	20.758	ug/l	97
67) Ethyl Benzene	11.75	91	456023	20.471	ug/l	98
68) m/p-Xylenes	11.86	106	369283	42.220	ug/l	100
69) o-Xylene	12.18	106	155560	20.308	ug/l	98
70) Styrene	12.20	104	283513	20.955	ug/l	100
71) Bromoform	12.37	173	54445	20.013	ug/l #	95
73) Isopropylbenzene	12.48	105	421237	20.154	ug/l	99
74) N-amyl acetate	12.30	43	78667	19.071	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.74	83	73787	20.324	ug/l	98
76) 1,2,3-Trichloropropane	12.79	75	49679m	18.983	ug/l	
77) Bromobenzene	12.77	156	112717	20.637	ug/l	98
78) n-propylbenzene	12.83	91	521985	20.951	ug/l	99
79) 2-Chlorotoluene	12.91	91	292120	20.552	ug/l	99
80) 1,3,5-Trimethylbenzene	12.97	105	367917	21.237	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.54	75	22315	19.034	ug/l	96
82) 4-Chlorotoluene	13.01	91	316702	20.967	ug/l	100
83) tert-Butylbenzene	13.23	119	293922	20.257	ug/l	100
84) 1,2,4-Trimethylbenzene	13.28	105	365318	21.093	ug/l	99
85) sec-Butylbenzene	13.41	105	428013	20.614	ug/l	100
86) p-Isopropyltoluene	13.53	119	398446	20.824	ug/l	99
87) 1,3-Dichlorobenzene	13.53	146	218645	20.794	ug/l	99
88) 1,4-Dichlorobenzene	13.61	146	217599	20.711	ug/l	98
89) n-Butylbenzene	13.85	91	352876	20.308	ug/l	99
90) Hexachloroethane	14.12	117	82279	20.506	ug/l	100
91) 1,2-Dichlorobenzene	13.90	146	184553	20.677	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	10265	18.768	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.18	180	118501	19.198	ug/l	99
94) Hexachlorobutadiene	15.28	225	82751	20.572	ug/l	99
95) Naphthalene	15.41	128	165531	18.705	ug/l	99
96) 1,2,3-Trichlorobenzene	15.61	180	102052	19.250	ug/l	99

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

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