

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD033120\
 Data File : VD065561.D
 Acq On : 31 Mar 2020 12:55
 Operator : VA/SY
 Sample : VD0331SBS01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0331SBS01

Quant Time: Apr 01 07:06:38 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	517865	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	741717	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	688640	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	344976	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.34	65	208630	48.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.80%	
35) Dibromofluoromethane	7.92	113	225847	49.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.66%	
50) Toluene-d8	10.34	98	879937	51.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.38%	
62) 4-Bromofluorobenzene	12.64	95	278344	51.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.04%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.99	85	78358	24.830	ug/l 98
3) Chloromethane	2.21	50	99473	22.633	ug/l 99
4) Vinyl Chloride	2.36	62	102537	21.426	ug/l 99
5) Bromomethane	2.77	94	70472	21.590	ug/l 99
6) Chloroethane	2.93	64	66354	21.456	ug/l 95
7) Trichlorofluoromethane	3.27	101	155520	21.782	ug/l 97
8) Diethyl Ether	3.71	74	43802	19.335	ug/l 100
9) 1,1,2-Trichlorotrifluoroet	4.09	101	98170	20.848	ug/l 99
10) Methyl Iodide	4.30	142	104073	19.101	ug/l 99
11) Tert butyl alcohol	5.24	59	24050m	99.209	ug/l
12) 1,1-Dichloroethene	4.07	96	89235	19.945	ug/l 94
13) Acrolein	3.93	56	36396	88.924	ug/l 100
14) Allyl chloride	4.71	41	135572	19.915	ug/l 99
15) Acrylonitrile	5.43	53	90111	96.596	ug/l 97
16) Acetone	4.17	43	77761	95.600	ug/l 98
17) Carbon Disulfide	4.40	76	301471	20.440	ug/l 100
18) Methyl Acetate	4.73	43	40753	19.268	ug/l 98
19) Methyl tert-butyl Ether	5.48	73	169088	18.950	ug/l 96
20) Methylene Chloride	4.97	84	109873	18.377	ug/l 97
21) trans-1,2-Dichloroethene	5.47	96	106096	20.612	ug/l 96
22) Diisopropyl ether	6.37	45	272787	20.665	ug/l 94
23) Vinyl Acetate	6.31	43	693780	96.489	ug/l 99
24) 1,1-Dichloroethane	6.27	63	173779	20.760	ug/l 99
25) 2-Butanone	7.23	43	106092	96.040	ug/l 99
26) 2,2-Dichloropropane	7.21	77	157292	21.220	ug/l 100
27) cis-1,2-Dichloroethene	7.22	96	107813	20.213	ug/l 98
28) Bromochloromethane	7.56	49	68180	19.589	ug/l 99
29) Tetrahydrofuran	7.57	42	64692	90.359	ug/l 97
30) Chloroform	7.71	83	178443	20.579	ug/l 100
31) Cyclohexane	7.99	56	161084	19.879	ug/l 99
32) 1,1,1-Trichloroethane	7.91	97	164179	20.958	ug/l 99
36) 1,1-Dichloropropene	8.11	75	142706	21.058	ug/l 99
37) Ethyl Acetate	7.30	43	49466	19.069	ug/l 99
38) Carbon Tetrachloride	8.10	117	146920	20.584	ug/l 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	160218	20.053	ug/l	96
40) Benzene	8.36	78	407197	21.057	ug/l	99
41) Methacrylonitrile	7.53	41	31136	20.794	ug/l #	84
42) 1,2-Dichloroethane	8.43	62	107147	20.823	ug/l	100
43) Isopropyl Acetate	8.46	43	88619	18.813	ug/l	95
44) Trichloroethene	9.11	130	116069	20.686	ug/l	98
45) 1,2-Dichloropropane	9.39	63	99003	21.076	ug/l	93
46) Dibromomethane	9.48	93	50661	20.553	ug/l	99
47) Bromodichloromethane	9.67	83	136588	20.917	ug/l	99
48) Methyl methacrylate	9.46	41	40715	18.178	ug/l	92
49) 1,4-Dioxane	9.47	88	10527	392.755	ug/l	97
51) 4-Methyl-2-Pentanone	10.23	43	237971	100.106	ug/l	100
52) Toluene	10.41	92	260867	21.301	ug/l	99
53) t-1,3-Dichloropropene	10.63	75	118765	19.886	ug/l	100
54) cis-1,3-Dichloropropene	10.10	75	149796	20.500	ug/l	98
55) 1,1,2-Trichloroethane	10.80	97	71459	20.322	ug/l	98
56) Ethyl methacrylate	10.67	69	71326	18.809	ug/l	97
57) 1,3-Dichloropropane	10.95	76	119317	20.165	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.95	63	190736	95.590	ug/l	100
59) 2-Hexanone	10.99	43	149519	92.248	ug/l	98
60) Dibromochloromethane	11.15	129	93940	20.160	ug/l	99
61) 1,2-Dibromoethane	11.26	107	67324	19.783	ug/l	99
64) Tetrachloroethene	10.88	164	101332	20.542	ug/l	98
65) Chlorobenzene	11.68	112	276297	20.523	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.75	131	104371	20.789	ug/l	98
67) Ethyl Benzene	11.75	91	466157	20.558	ug/l	100
68) m/p-Xylenes	11.86	106	371955	41.776	ug/l	98
69) o-Xylene	12.19	106	159122	20.407	ug/l	100
70) Styrene	12.20	104	287599	20.882	ug/l	99
71) Bromoform	12.37	173	55190	19.930	ug/l #	99
73) Isopropylbenzene	12.48	105	433051	20.444	ug/l	99
74) N-amyl acetate	12.30	43	76769	18.364	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.74	83	74317	20.198	ug/l	99
76) 1,2,3-Trichloropropane	12.79	75	49379m	18.618	ug/l	
77) Bromobenzene	12.77	156	115422	20.852	ug/l	99
78) n-propylbenzene	12.83	91	532374	21.085	ug/l	100
79) 2-Chlorotoluene	12.91	91	299962	20.824	ug/l	99
80) 1,3,5-Trimethylbenzene	12.97	105	368053	20.963	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.54	75	21946	18.471	ug/l	92
82) 4-Chlorotoluene	13.01	91	319019	20.840	ug/l	100
83) tert-Butylbenzene	13.23	119	311313	21.171	ug/l	98
84) 1,2,4-Trimethylbenzene	13.28	105	368139	20.973	ug/l	99
85) sec-Butylbenzene	13.41	105	435179	20.681	ug/l	99
86) p-Isopropyltoluene	13.53	119	401249	20.692	ug/l	99
87) 1,3-Dichlorobenzene	13.53	146	224723	21.089	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	215031	20.195	ug/l	97
89) n-Butylbenzene	13.86	91	356228	20.229	ug/l	100
90) Hexachloroethane	14.12	117	83439	20.519	ug/l	98
91) 1,2-Dichlorobenzene	13.90	146	186123	20.576	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.52	75	10755	19.403	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	119777	19.147	ug/l	98
94) Hexachlorobutadiene	15.28	225	82324	20.194	ug/l	98
95) Naphthalene	15.41	128	167358	18.671	ug/l	99
96) 1,2,3-Trichlorobenzene	15.61	180	101975	18.980	ug/l	99

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

