

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD033120\
 Data File : VD065573.D
 Acq On : 31 Mar 2020 18:37
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Apr 01 08:15:01 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	507845	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	743434	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	701695	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	349186	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.34	65	224558	53.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.24%	
35) Dibromofluoromethane	7.92	113	240669	52.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.90%	
50) Toluene-d8	10.34	98	908475	52.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.46%	
62) 4-Bromofluorobenzene	12.64	95	294902	53.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.86%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	133165	47.426	ug/l	100
3) Chloromethane	2.21	50	207463	51.873	ug/l	96
4) Vinyl Chloride	2.35	62	219334	46.736	ug/l	99
5) Bromomethane	2.77	94	148191	50.009	ug/l	97
6) Chloroethane	2.93	64	141208	46.562	ug/l	98
7) Trichlorofluoromethane	3.27	101	325840	46.538	ug/l	99
8) Diethyl Ether	3.70	74	82679	37.216	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.09	101	173807	37.639	ug/l	98
10) Methyl Iodide	4.30	142	200614	37.546	ug/l	95
11) Tert butyl alcohol	5.24	59	48450	203.806	ug/l	97
12) 1,1-Dichloroethene	4.06	96	159969	36.461	ug/l	91
13) Acrolein	3.93	56	87965	219.159	ug/l	98
14) Allyl chloride	4.71	41	277898	41.628	ug/l	92
15) Acrylonitrile	5.43	53	194076	212.148	ug/l	98
16) Acetone	4.17	43	152240	190.858	ug/l	89
17) Carbon Disulfide	4.40	76	531763	36.765	ug/l	100
18) Methyl Acetate	4.73	43	83661	40.335	ug/l	98
19) Methyl tert-butyl Ether	5.48	73	414203	47.337	ug/l	100
20) Methylene Chloride	4.97	84	205903	40.677	ug/l	97
21) trans-1,2-Dichloroethene	5.47	96	211295	41.860	ug/l	94
22) Diisopropyl ether	6.37	45	718564	55.508	ug/l	99
23) Vinyl Acetate	6.31	43	1962727	278.357	ug/l	100
24) 1,1-Dichloroethane	6.27	63	420181	51.186	ug/l	99
25) 2-Butanone	7.22	43	277336	256.013	ug/l	98
26) 2,2-Dichloropropane	7.21	77	357189	49.138	ug/l	99
27) cis-1,2-Dichloroethene	7.21	96	279662	53.466	ug/l	99
28) Bromochloromethane	7.56	49	171577	50.270	ug/l	98
29) Tetrahydrofuran	7.57	42	184889	263.340	ug/l	99
30) Chloroform	7.71	83	445020	52.335	ug/l	98
31) Cyclohexane	7.98	56	376257	47.348	ug/l	98
32) 1,1,1-Trichloroethane	7.91	97	385547	50.188	ug/l	99
36) 1,1-Dichloropropene	8.11	75	334779	49.287	ug/l	100
37) Ethyl Acetate	7.30	43	131179	50.453	ug/l	98
38) Carbon Tetrachloride	8.10	117	354004	49.482	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	405228	50.601	ug/l	99
40) Benzene	8.36	78	1000915	51.640	ug/l	99
41) Methacrylonitrile	7.54	41	73894	49.235	ug/l	96
42) 1,2-Dichloroethane	8.43	62	270277	52.404	ug/l	99
43) Isopropyl Acetate	8.46	43	246928	52.299	ug/l	98
44) Trichloroethene	9.12	130	279957	49.780	ug/l	94
45) 1,2-Dichloropropane	9.39	63	248575	52.795	ug/l	97
46) Dibromomethane	9.48	93	129717	52.505	ug/l	99
47) Bromodichloromethane	9.67	83	341350	52.155	ug/l	98
48) Methyl methacrylate	9.46	41	118790	52.913	ug/l	97
49) 1,4-Dioxane	9.47	88	29388	1093.912	ug/l	99
51) 4-Methyl-2-Pentanone	10.24	43	644956	270.683	ug/l	100
52) Toluene	10.41	92	654381	53.311	ug/l	99
53) t-1,3-Dichloropropene	10.63	75	321141	53.648	ug/l	99
54) cis-1,3-Dichloropropene	10.10	75	391197	53.414	ug/l	97
55) 1,1,2-Trichloroethane	10.81	97	185190	52.545	ug/l	99
56) Ethyl methacrylate	10.67	69	213065	49.536	ug/l	96
57) 1,3-Dichloropropane	10.95	76	311583	52.537	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.95	63	550292	275.149	ug/l	100
59) 2-Hexanone	10.99	43	428161	263.552	ug/l	100
60) Dibromochloromethane	11.14	129	246252	52.724	ug/l	100
61) 1,2-Dibromoethane	11.25	107	176650	51.788	ug/l	100
64) Tetrachloroethene	10.88	164	241141	47.975	ug/l	97
65) Chlorobenzene	11.68	112	693064	50.522	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.75	131	263432	51.495	ug/l	98
67) Ethyl Benzene	11.75	91	1210975	52.410	ug/l	98
68) m/p-Xylenes	11.86	106	963251	106.175	ug/l	98
69) o-Xylene	12.18	106	432274	54.406	ug/l	100
70) Styrene	12.20	104	768252	54.745	ug/l	99
71) Bromoform	12.37	173	143497	50.855	ug/l #	100
73) Isopropylbenzene	12.48	105	1150067	53.639	ug/l	99
74) N-amyl acetate	12.30	43	225245	53.231	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.74	83	187746	50.412	ug/l	99
76) 1,2,3-Trichloropropane	12.79	75	128341m	47.807	ug/l	
77) Bromobenzene	12.77	156	293999	52.472	ug/l	99
78) n-propylbenzene	12.83	91	1359525	53.195	ug/l	99
79) 2-Chlorotoluene	12.91	91	762664	52.307	ug/l	99
80) 1,3,5-Trimethylbenzene	12.97	105	957969	53.904	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.54	75	60687	50.460	ug/l	99
82) 4-Chlorotoluene	13.01	91	801229	51.709	ug/l	100
83) tert-Butylbenzene	13.23	119	790293	53.096	ug/l	99
84) 1,2,4-Trimethylbenzene	13.28	105	964404	54.281	ug/l	100
85) sec-Butylbenzene	13.41	105	1118833	52.528	ug/l	100
86) p-Isopropyltoluene	13.53	119	1045261	53.253	ug/l	100
87) 1,3-Dichlorobenzene	13.53	146	552682	51.240	ug/l	99
88) 1,4-Dichlorobenzene	13.61	146	542023	50.292	ug/l	99
89) n-Butylbenzene	13.86	91	942051	52.850	ug/l	100
90) Hexachloroethane	14.12	117	207484	50.408	ug/l	98
91) 1,2-Dichlorobenzene	13.90	146	477695	52.172	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.52	75	27293	48.645	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.18	180	326257	51.524	ug/l	99
94) Hexachlorobutadiene	15.28	225	198280	48.052	ug/l	99
95) Naphthalene	15.41	128	525470	48.831	ug/l	100
96) 1,2,3-Trichlorobenzene	15.61	180	283668	52.160	ug/l	99

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

