

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD050820\
 Data File : VD065723.D
 Acq On : 08 May 2020 14:48
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Quant Time: May 09 04:11:07 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D050620S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 06 17:01:16 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	383703	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	562693	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	491634	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	241622	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	171337	44.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.16%	
35) Dibromofluoromethane	7.91	113	177828	50.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.14%	
50) Toluene-d8	10.34	98	691472	51.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.40%	
62) 4-Bromofluorobenzene	12.64	95	229006	47.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.66%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	148564	49.365	ug/l	99
3) Chloromethane	2.21	50	196124	51.672	ug/l	100
4) Vinyl Chloride	2.35	62	215913	56.143	ug/l	97
5) Bromomethane	2.77	94	138002	56.858	ug/l	97
6) Chloroethane	2.92	64	137976	55.853	ug/l	93
7) Trichlorofluoromethane	3.27	101	307361	50.103	ug/l	97
8) Diethyl Ether	3.71	74	86042	44.769	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	4.10	101	187465	50.342	ug/l	97
10) Methyl Iodide	4.30	142	202701	55.492	ug/l	97
11) Tert butyl alcohol	5.22	59	61133	207.617	ug/l	98
12) 1,1-Dichloroethene	4.07	96	178793	48.852	ug/l	97
13) Acrolein	3.93	56	55081	174.414	ug/l	95
14) Allyl chloride	4.71	41	305245	41.837	ug/l	96
15) Acrylonitrile	5.42	53	185963	205.809	ug/l	99
16) Acetone	4.16	43	223993	272.970	ug/l	96
17) Carbon Disulfide	4.41	76	571288	47.468	ug/l	97
18) Methyl Acetate	4.71	43	82901	40.632	ug/l	96
19) Methyl tert-butyl Ether	5.47	73	406819	45.843	ug/l	95
20) Methylene Chloride	4.96	84	191650	46.364	ug/l	91
21) trans-1,2-Dichloroethene	5.47	96	201439	48.079	ug/l	96
22) Diisopropyl ether	6.36	45	591255	43.577	ug/l	98
23) Vinyl Acetate	6.31	43	1738609	212.159	ug/l	97
24) 1,1-Dichloroethane	6.26	63	341635	45.964	ug/l	98
25) 2-Butanone	7.21	43	266769	219.169	ug/l	99
26) 2,2-Dichloropropane	7.21	77	317805	47.490	ug/l	99
27) cis-1,2-Dichloroethene	7.21	96	217353	47.809	ug/l	96
28) Bromochloromethane	7.55	49	134707	43.454	ug/l	89
29) Tetrahydrofuran	7.56	42	160461	204.534	ug/l	95
30) Chloroform	7.71	83	339674	47.490	ug/l	99
31) Cyclohexane	7.98	56	335160	43.579	ug/l	95
32) 1,1,1-Trichloroethane	7.90	97	320969	48.410	ug/l	99
36) 1,1-Dichloropropene	8.11	75	276566	49.491	ug/l	95
37) Ethyl Acetate	7.30	43	115023	42.747	ug/l	98
38) Carbon Tetrachloride	8.10	117	294557	53.163	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	363884	51.867	ug/l	95
40) Benzene	8.36	78	762479	49.960	ug/l	99
41) Methacrylonitrile	7.53	41	65834	42.418	ug/l	95
42) 1,2-Dichloroethane	8.43	62	209018	47.595	ug/l	98
43) Isopropyl Acetate	8.46	43	233315	43.360	ug/l	97
44) Trichloroethene	9.11	130	224616	53.406	ug/l	99
45) 1,2-Dichloropropane	9.39	63	189865	48.106	ug/l	100
46) Dibromomethane	9.48	93	98444	49.725	ug/l	94
47) Bromodichloromethane	9.67	83	262766	49.633	ug/l	98
48) Methyl methacrylate	9.46	41	114878	42.638	ug/l	93
49) 1,4-Dioxane	9.46	88	23065	950.438	ug/l	97
51) 4-Methyl-2-Pentanone	10.23	43	563914	217.453	ug/l	98
52) Toluene	10.41	92	498990	51.702	ug/l	99
53) t-1,3-Dichloropropene	10.63	75	260046	48.494	ug/l	97
54) cis-1,3-Dichloropropene	10.09	75	307262	48.638	ug/l	97
55) 1,1,2-Trichloroethane	10.80	97	134151	50.264	ug/l	96
56) Ethyl methacrylate	10.67	69	181668	47.142	ug/l	92
57) 1,3-Dichloropropane	10.95	76	235344	49.048	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.94	63	395648	223.641	ug/l	97
59) 2-Hexanone	10.99	43	408904	229.251	ug/l	98
60) Dibromochloromethane	11.14	129	183237	51.109	ug/l	100
61) 1,2-Dibromoethane	11.25	107	132544	49.358	ug/l	99
64) Tetrachloroethene	10.88	164	191483	54.729	ug/l	96
65) Chlorobenzene	11.67	112	523815	52.883	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.75	131	193858	52.491	ug/l	98
67) Ethyl Benzene	11.75	91	951560	51.495	ug/l	98
68) m/p-Xylenes	11.86	106	728250	105.715	ug/l	96
69) o-Xylene	12.18	106	334293	52.005	ug/l	97
70) Styrene	12.20	104	573689	51.908	ug/l	98
71) Bromoform	12.37	173	109166	52.533	ug/l #	100
73) Isopropylbenzene	12.48	105	924042	50.474	ug/l	99
74) N-amyl acetate	12.30	43	221367	42.356	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.74	83	144841	47.181	ug/l	98
76) 1,2,3-Trichloropropane	12.79	75	95288m	46.693	ug/l	
77) Bromobenzene	12.77	156	219631	52.318	ug/l	91
78) n-propylbenzene	12.83	91	1078149	50.015	ug/l	99
79) 2-Chlorotoluene	12.91	91	595989	48.935	ug/l	97
80) 1,3,5-Trimethylbenzene	12.97	105	757591	50.405	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.54	75	51950	45.062	ug/l	97
82) 4-Chlorotoluene	13.01	91	616621	48.382	ug/l	97
83) tert-Butylbenzene	13.23	119	660646	51.639	ug/l	97
84) 1,2,4-Trimethylbenzene	13.28	105	742952	49.623	ug/l	99
85) sec-Butylbenzene	13.41	105	928374	51.732	ug/l	98
86) p-Isopropyltoluene	13.53	119	855598	52.319	ug/l	98
87) 1,3-Dichlorobenzene	13.53	146	402166	50.970	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	409150	52.558	ug/l	99
89) n-Butylbenzene	13.86	91	807099	50.939	ug/l	99
90) Hexachloroethane	14.12	117	168670	51.783	ug/l	95
91) 1,2-Dichlorobenzene	13.90	146	355421	52.202	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.52	75	22866	44.313	ug/l	88

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	272688	53.381	ug/l	99
94) Hexachlorobutadiene	15.28	225	167650	56.629	ug/l	99
95) Naphthalene	15.41	128	444780	49.532	ug/l	100
96) 1,2,3-Trichlorobenzene	15.61	180	230743	53.101	ug/l	99

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

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