

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD051320\
 Data File : VD065727.D
 Acq On : 13 May 2020 12:27
 Operator : VA/SY
 Sample : VSTDIC010
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010

Quant Time: May 13 14:04:30 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D051320S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 13 13:42:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.99	168	387433	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	572644	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	502759	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	249575	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	29934	8.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	16.12%	
35) Dibromofluoromethane	7.91	113	30703	8.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	17.58%	
50) Toluene-d8	10.34	98	117960	8.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	17.68%	
62) 4-Bromofluorobenzene	12.64	95	40804	8.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	17.34%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.99	85	22951	7.755 ug/l	94
3) Chloromethane	2.21	50	36661	9.660 ug/l	98
4) Vinyl Chloride	2.35	62	38673	9.986 ug/l	97
5) Bromomethane	2.77	94	26560	10.775 ug/l	82
6) Chloroethane	2.92	64	24786	9.888 ug/l	100
7) Trichlorofluoromethane	3.27	101	53692	8.851 ug/l	96
8) Diethyl Ether	3.71	74	15938	8.463 ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.10	101	34150	9.277 ug/l	99
10) Methyl Iodide	4.30	142	29376	8.076 ug/l	97
11) Tert butyl alcohol	5.19	59	22515m	67.010 ug/l	
12) 1,1-Dichloroethene	4.07	96	32538	9.012 ug/l	91
13) Acrolein	3.92	56	12075	40.551 ug/l	99
14) Allyl chloride	4.71	41	56036	7.931 ug/l	97
15) Acrylonitrile	5.43	53	34983	40.003 ug/l	98
16) Acetone	4.16	43	34135	43.585 ug/l	95
17) Carbon Disulfide	4.41	76	99790	8.493 ug/l	99
18) Methyl Acetate	4.71	43	17680	9.026 ug/l	95
19) Methyl tert-butyl Ether	5.48	73	74035	8.569 ug/l	98
20) Methylene Chloride	4.96	84	36656	9.036 ug/l	# 93
21) trans-1,2-Dichloroethene	5.47	96	36369	8.784 ug/l	95
22) Diisopropyl ether	6.37	45	105232	8.022 ug/l	94
23) Vinyl Acetate	6.31	43	309958	39.258 ug/l	99
24) 1,1-Dichloroethane	6.27	63	61298	8.431 ug/l	99
25) 2-Butanone	7.22	43	46991	40.328 ug/l	92
26) 2,2-Dichloropropane	7.21	77	58613	8.908 ug/l	100
27) cis-1,2-Dichloroethene	7.21	96	41170	9.191 ug/l	100
28) Bromochloromethane	7.55	49	24337	8.019 ug/l	100
29) Tetrahydrofuran	7.57	42	30111	40.010 ug/l	99
30) Chloroform	7.71	83	63097	8.963 ug/l	95
31) Cyclohexane	7.99	56	64467	8.584 ug/l	# 85
32) 1,1,1-Trichloroethane	7.90	97	59254	9.044 ug/l	98
36) 1,1-Dichloropropene	8.11	75	50484	9.107 ug/l	99
37) Ethyl Acetate	7.30	43	22987	8.796 ug/l	# 94
38) Carbon Tetrachloride	8.10	117	52914	9.528 ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	65674	9.450	ug/l	98
40) Benzene	8.36	78	137084	9.043	ug/l	96
41) Methacrylonitrile	7.53	41	10557	6.914	ug/l	87
42) 1,2-Dichloroethane	8.43	62	38696	8.895	ug/l	99
43) Isopropyl Acetate	8.46	43	43580	8.334	ug/l	99
44) Trichloroethene	9.11	130	42088	9.947	ug/l	95
45) 1,2-Dichloropropane	9.39	63	34002	8.742	ug/l	97
46) Dibromomethane	9.48	93	18750	9.523	ug/l	99
47) Bromodichloromethane	9.66	83	47928	9.102	ug/l	89
48) Methyl methacrylate	9.46	41	19517	7.470	ug/l	94
49) 1,4-Dioxane	9.46	88	4369	182.651	ug/l #	87
51) 4-Methyl-2-Pentanone	10.23	43	104540	41.466	ug/l	99
52) Toluene	10.40	92	91641	9.506	ug/l	99
53) t-1,3-Dichloropropene	10.62	75	47163	8.905	ug/l	92
54) cis-1,3-Dichloropropene	10.09	75	56291	8.974	ug/l	95
55) 1,1,2-Trichloroethane	10.80	97	25734	9.698	ug/l	98
56) Ethyl methacrylate	10.66	69	33063	8.727	ug/l	98
57) 1,3-Dichloropropane	10.95	76	44043	9.265	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.94	63	77902	44.431	ug/l	99
59) 2-Hexanone	10.99	43	70285	40.691	ug/l	99
60) Dibromochloromethane	11.14	129	32475	9.038	ug/l	96
61) 1,2-Dibromoethane	11.25	107	24582	9.206	ug/l	98
64) Tetrachloroethene	10.88	164	35683	10.081	ug/l	99
65) Chlorobenzene	11.67	112	97976	9.808	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.75	131	36128	9.716	ug/l	98
67) Ethyl Benzene	11.75	91	171858	9.283	ug/l	98
68) m/p-Xylenes	11.86	106	133194	19.223	ug/l	99
69) o-Xylene	12.18	106	61351	9.485	ug/l	97
70) Styrene	12.20	104	105914	9.545	ug/l	98
71) Bromoform	12.36	173	19439	9.279	ug/l #	99
73) Isopropylbenzene	12.48	105	169890	9.183	ug/l	99
74) N-amyl acetate	12.29	43	39282	7.646	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.74	83	26768	8.698	ug/l	100
76) 1,2,3-Trichloropropane	12.79	75	17403m	8.405	ug/l	
77) Bromobenzene	12.77	156	41018	9.593	ug/l	99
78) n-propylbenzene	12.83	91	197269	9.082	ug/l	100
79) 2-Chlorotoluene	12.91	91	110418	9.009	ug/l	100
80) 1,3,5-Trimethylbenzene	12.97	105	141282	9.323	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.54	75	9580	8.332	ug/l	99
82) 4-Chlorotoluene	13.01	91	116777	9.092	ug/l	98
83) tert-Butylbenzene	13.23	119	125620	9.669	ug/l	98
84) 1,2,4-Trimethylbenzene	13.27	105	136646	9.039	ug/l	99
85) sec-Butylbenzene	13.41	105	173094	9.568	ug/l	100
86) p-Isopropyltoluene	13.52	119	156627	9.469	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	78377	9.774	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	76090	9.599	ug/l	95
89) n-Butylbenzene	13.85	91	145655	9.141	ug/l	99
90) Hexachloroethane	14.11	117	30362	9.245	ug/l	99
91) 1,2-Dichlorobenzene	13.90	146	67368	9.740	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	4623	9.025	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	50997	9.829	ug/l	98
94) Hexachlorobutadiene	15.28	225	30631	10.152	ug/l	99
95) Naphthalene	15.41	128	84758	9.367	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	44095	9.992	ug/l	98

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

