

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD050820\
 Data File : VD065720.D
 Acq On : 08 May 2020 12:55
 Operator : VA/SY
 Sample : VD0508SBS01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0508SBS01

Quant Time: May 09 04:06:09 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	371573	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	561110	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	498313	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	245776	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.34	65	180893	48.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.20%	
35) Dibromofluoromethane	7.92	113	188785	53.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.66%	
50) Toluene-d8	10.34	98	713390	52.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.94%	
62) 4-Bromofluorobenzene	12.64	95	244368	51.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.36%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	51286	17.598	ug/l	96
3) Chloromethane	2.21	50	77896	21.193	ug/l	97
4) Vinyl Chloride	2.35	62	83641	22.459	ug/l	97
5) Bromomethane	2.75	94	54802	23.316	ug/l	98
6) Chloroethane	2.91	64	53999	22.572	ug/l	93
7) Trichlorofluoromethane	3.27	101	120200	20.234	ug/l	94
8) Diethyl Ether	3.71	74	37289	20.036	ug/l	89
9) 1,1,2-Trichlorotrifluoroet	4.09	101	71226	19.751	ug/l	94
10) Methyl Iodide	4.30	142	69502	19.648	ug/l	99
11) Tert butyl alcohol	5.23	59	32206	94.288	ug/l	97
12) 1,1-Dichloroethene	4.06	96	71659	20.219	ug/l	92
13) Acrolein	3.92	56	28860	94.368	ug/l	92
14) Allyl chloride	4.71	41	122874	17.391	ug/l	95
15) Acrylonitrile	5.43	53	82227	93.973	ug/l	99
16) Acetone	4.16	43	72769	91.575	ug/l	99
17) Carbon Disulfide	4.40	76	226791	19.459	ug/l	100
18) Methyl Acetate	4.72	43	39721	20.104	ug/l	96
19) Methyl tert-butyl Ether	5.48	73	172207	20.039	ug/l	93
20) Methylene Chloride	4.96	84	86320	21.564	ug/l	87
21) trans-1,2-Dichloroethene	5.47	96	83608	20.607	ug/l	88
22) Diisopropyl ether	6.37	45	245459	18.682	ug/l	98
23) Vinyl Acetate	6.31	43	737310	92.910	ug/l	96
24) 1,1-Dichloroethane	6.27	63	141372	19.641	ug/l	96
25) 2-Butanone	7.21	43	110724	93.937	ug/l	97
26) 2,2-Dichloropropane	7.21	77	128601	19.844	ug/l	99
27) cis-1,2-Dichloroethene	7.21	96	91436	20.769	ug/l	93
28) Bromochloromethane	7.56	49	54759	18.241	ug/l #	92
29) Tetrahydrofuran	7.56	42	72543	95.487	ug/l	96
30) Chloroform	7.71	83	140385	20.268	ug/l	100
31) Cyclohexane	7.98	56	139756	18.765	ug/l #	87
32) 1,1,1-Trichloroethane	7.91	97	130518	20.328	ug/l	98
36) 1,1-Dichloropropene	8.11	75	115182	20.670	ug/l	98
37) Ethyl Acetate	7.30	43	50367	18.771	ug/l	97
38) Carbon Tetrachloride	8.10	117	118679	21.480	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	146633	20.959	ug/l	97
40) Benzene	8.36	78	318192	20.908	ug/l	97
41) Methacrylonitrile	7.54	41	36692m	23.708	ug/l	
42) 1,2-Dichloroethane	8.43	62	89216	20.373	ug/l	99
43) Isopropyl Acetate	8.46	43	103502	19.290	ug/l	98
44) Trichloroethene	9.12	130	92830	22.134	ug/l	99
45) 1,2-Dichloropropane	9.39	63	78624	19.977	ug/l	98
46) Dibromomethane	9.48	93	41515	21.029	ug/l	94
47) Bromodichloromethane	9.67	83	110570	20.944	ug/l	100
48) Methyl methacrylate	9.46	41	50054	18.630	ug/l	93
49) 1,4-Dioxane	9.47	88	9762	403.397	ug/l	98
51) 4-Methyl-2-Pentanone	10.23	43	248080	95.933	ug/l	97
52) Toluene	10.41	92	207818	21.593	ug/l	98
53) t-1,3-Dichloropropene	10.63	75	108536	20.297	ug/l	99
54) cis-1,3-Dichloropropene	10.10	75	131423	20.862	ug/l	95
55) 1,1,2-Trichloroethane	10.80	97	58643	22.034	ug/l	96
56) Ethyl methacrylate	10.67	69	78712	20.483	ug/l	94
57) 1,3-Dichloropropane	10.95	76	101244	21.160	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.94	63	173448	98.319	ug/l	95
59) 2-Hexanone	10.99	43	173073	97.307	ug/l	99
60) Dibromochloromethane	11.14	129	77618	21.710	ug/l	99
61) 1,2-Dibromoethane	11.25	107	57773	21.575	ug/l	98
64) Tetrachloroethene	10.88	164	80937	22.823	ug/l	94
65) Chlorobenzene	11.68	112	218010	21.715	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.75	131	82440	22.023	ug/l	99
67) Ethyl Benzene	11.75	91	396178	21.152	ug/l	100
68) m/p-Xylenes	11.86	106	305604	43.768	ug/l	96
69) o-Xylene	12.18	106	140153	21.511	ug/l	97
70) Styrene	12.20	104	246203	21.978	ug/l	97
71) Bromoform	12.37	173	47155	22.388	ug/l #	97
73) Isopropylbenzene	12.48	105	385603	20.707	ug/l	99
74) N-amyl acetate	12.30	43	95376	17.941	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.74	83	63275	20.263	ug/l	98
76) 1,2,3-Trichloropropane	12.79	75	41312m	19.902	ug/l	
77) Bromobenzene	12.77	156	93801	21.966	ug/l	92
78) n-propylbenzene	12.83	91	453829	20.697	ug/l	99
79) 2-Chlorotoluene	12.91	91	249117	20.109	ug/l	97
80) 1,3,5-Trimethylbenzene	12.97	105	319793	20.917	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.54	75	22922	19.547	ug/l	96
82) 4-Chlorotoluene	13.01	91	264438	20.398	ug/l	99
83) tert-Butylbenzene	13.23	119	274378	21.084	ug/l	98
84) 1,2,4-Trimethylbenzene	13.28	105	312969	20.551	ug/l	99
85) sec-Butylbenzene	13.41	105	382365	20.946	ug/l	99
86) p-Isopropyltoluene	13.53	119	356206	21.413	ug/l	98
87) 1,3-Dichlorobenzene	13.53	146	176778	22.026	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	174248	22.005	ug/l	99
89) n-Butylbenzene	13.85	91	330026	20.477	ug/l	99
90) Hexachloroethane	14.12	117	68730	20.744	ug/l	93
91) 1,2-Dichlorobenzene	13.90	146	152428	22.009	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	10190	19.414	ug/l	87

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	117362	22.586	ug/l	98
94) Hexachlorobutadiene	15.28	225	67488	22.411	ug/l	98
95) Naphthalene	15.41	128	192285	21.051	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	98155	22.207	ug/l	98

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

