

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD042920\
 Data File : VD065679.D
 Acq On : 29 Apr 2020 13:34
 Operator : VA/SY
 Sample : VSTDIC005
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005

Quant Time: Apr 30 07:10:07 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D042920S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 30 07:01:24 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	547797	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	812577	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	773131	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	385184	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	26208	5.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.68%	
35) Dibromofluoromethane	7.91	113	28653	5.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.30%	
50) Toluene-d8	10.34	98	85719	4.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	8.98%	
62) 4-Bromofluorobenzene	12.64	95	29092	4.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	9.44%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	15410	5.323	ug/l	93
3) Chloromethane	2.21	50	32020	5.719	ug/l	94
4) Vinyl Chloride	2.34	62	49873	5.539	ug/l	91
5) Bromomethane	2.77	94	49943	5.928	ug/l	95
6) Chloroethane	2.93	64	37706	5.688	ug/l	89
7) Trichlorofluoromethane	3.27	101	102332	5.718	ug/l	100
8) Diethyl Ether	3.71	74	27681	5.495	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	4.08	101	61421	7.120	ug/l	97
10) Methyl Iodide	4.29	142	15693	4.272	ug/l #	95
11) Tert butyl alcohol	5.27	59	4745	26.345	ug/l #	92
12) 1,1-Dichloroethene	4.05	96	66383	7.837	ug/l	98
13) Acrolein	3.92	56	20430	34.476	ug/l	91
14) Allyl chloride	4.70	41	22174	5.221	ug/l	93
15) Acrylonitrile	5.44	53	16422	23.112	ug/l	90
16) Acetone	4.17	43	21054	26.321	ug/l	98
17) Carbon Disulfide	4.39	76	73977	5.310	ug/l	100
18) Methyl Acetate	4.71	43	9558	5.428	ug/l	92
19) Methyl tert-butyl Ether	5.48	73	36203	4.613	ug/l	96
20) Methylene Chloride	4.96	84	36056	6.203	ug/l #	97
21) trans-1,2-Dichloroethene	5.46	96	27209	5.258	ug/l	95
22) Diisopropyl ether	6.36	45	39420	4.305	ug/l	88
23) Vinyl Acetate	6.31	43	100121m	24.002	ug/l	
24) 1,1-Dichloroethane	6.27	63	42478	5.226	ug/l	97
25) 2-Butanone	7.23	43	19984	24.691	ug/l	95
26) 2,2-Dichloropropane	7.21	77	41229	5.215	ug/l	96
27) cis-1,2-Dichloroethene	7.21	96	26921	5.030	ug/l	93
28) Bromochloromethane	7.55	49	15139	5.016	ug/l #	97
29) Tetrahydrofuran	7.57	42	11175	23.856	ug/l	86
30) Chloroform	7.71	83	51012	5.188	ug/l	94
31) Cyclohexane	7.99	56	39086	5.678	ug/l #	87
32) 1,1,1-Trichloroethane	7.90	97	47201	5.194	ug/l	96
36) 1,1-Dichloropropene	8.11	75	36772	5.123	ug/l	97
37) Ethyl Acetate	7.30	43	10385	5.374	ug/l #	91
38) Carbon Tetrachloride	8.10	117	49751	5.486	ug/l	90

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.35	83	35568	4.675	ug/l	97
40) Benzene	8.35	78	101998	5.026	ug/l	99
41) Methacrylonitrile	7.54	41	4230	3.524	ug/l #	8
42) 1,2-Dichloroethane	8.43	62	30467	5.194	ug/l	98
43) Isopropyl Acetate	8.46	43	17924	4.937	ug/l #	56
44) Trichloroethene	9.11	130	32791	5.230	ug/l	85
45) 1,2-Dichloropropane	9.39	63	22586	4.923	ug/l	96
46) Dibromomethane	9.48	93	13925	4.688	ug/l	85
47) Bromodichloromethane	9.66	83	39959	5.088	ug/l	96
48) Methyl methacrylate	9.46	41	7663	4.820	ug/l #	82
49) 1,4-Dioxane	9.47	88	2512	86.517	ug/l #	83
51) 4-Methyl-2-Pentanone	10.23	43	40843	22.197	ug/l	91
52) Toluene	10.41	92	59563	4.484	ug/l	96
53) t-1,3-Dichloropropene	10.63	75	28616	4.708	ug/l	90
54) cis-1,3-Dichloropropene	10.10	75	32616	4.488	ug/l	91
55) 1,1,2-Trichloroethane	10.81	97	19939	4.829	ug/l	91
56) Ethyl methacrylate	10.67	69	11885	3.790	ug/l #	81
57) 1,3-Dichloropropane	10.95	76	28900	4.666	ug/l	92
58) 2-Chloroethyl Vinyl ether	9.94	63	33499	21.122	ug/l	96
59) 2-Hexanone	10.99	43	24072	20.601	ug/l	86
60) Dibromochloromethane	11.14	129	25140	4.574	ug/l	94
61) 1,2-Dibromoethane	11.25	107	17363	4.565	ug/l	98
64) Tetrachloroethene	10.87	164	27622	5.147	ug/l	93
65) Chlorobenzene	11.68	112	79001	5.140	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.75	131	28670	4.940	ug/l	94
67) Ethyl Benzene	11.75	91	111341	4.661	ug/l	99
68) m/p-Xylenes	11.86	106	82260	8.612	ug/l	98
69) o-Xylene	12.18	106	35926	4.467	ug/l	92
70) Styrene	12.20	104	59878	4.180	ug/l	99
71) Bromoform	12.37	173	15980	4.931	ug/l #	91
73) Isopropylbenzene	12.48	105	88830	4.430	ug/l	99
74) N-amyl acetate	12.29	43	13165	4.751	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.74	83	21559	5.392	ug/l	94
76) 1,2,3-Trichloropropane	12.79	75	13865m	3.188	ug/l	
77) Bromobenzene	12.77	156	27057	4.810	ug/l	92
78) n-propylbenzene	12.83	91	115864	4.673	ug/l	97
79) 2-Chlorotoluene	12.91	91	67181	4.785	ug/l	97
80) 1,3,5-Trimethylbenzene	12.97	105	76255	4.364	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.53	75	5207	4.788	ug/l	97
82) 4-Chlorotoluene	13.01	91	69773	4.591	ug/l	99
83) tert-Butylbenzene	13.23	119	65069	4.511	ug/l	95
84) 1,2,4-Trimethylbenzene	13.27	105	72534	4.200	ug/l	95
85) sec-Butylbenzene	13.41	105	95009	4.521	ug/l	98
86) p-Isopropyltoluene	13.53	119	83789	4.323	ug/l	99
87) 1,3-Dichlorobenzene	13.53	146	56404	4.902	ug/l	98
88) 1,4-Dichlorobenzene	13.60	146	62647	5.245	ug/l	95
89) n-Butylbenzene	13.85	91	83110	4.747	ug/l	94
90) Hexachloroethane	14.12	117	26555	5.524	ug/l	94
91) 1,2-Dichlorobenzene	13.90	146	49862	5.024	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.51	75	3160	5.341	ug/l	82

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	26807	4.739	ug/l	100
94) Hexachlorobutadiene	15.28	225	22696	5.398	ug/l	97
95) Naphthalene	15.41	128	35193	4.380	ug/l	97
96) 1,2,3-Trichlorobenzene	15.61	180	23817	4.706	ug/l	96

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

