

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD050720\
 Data File : VD065705.D
 Acq On : 07 May 2020 11:34
 Operator : VA/SY
 Sample : VD0507SBS01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0507SBS01

Quant Time: May 08 07:37:29 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	430092	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	644400	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	564910	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	272995	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	191813	44.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.04%	
35) Dibromofluoromethane	7.91	113	200452	49.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.54%	
50) Toluene-d8	10.34	98	772471	49.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.88%	
62) 4-Bromofluorobenzene	12.64	95	260743	47.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.10%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	58146	17.237	ug/l	99
3) Chloromethane	2.21	50	87431	20.551	ug/l	99
4) Vinyl Chloride	2.34	62	89113	20.672	ug/l	92
5) Bromomethane	2.76	94	57487	21.130	ug/l	96
6) Chloroethane	2.91	64	58543	21.142	ug/l	95
7) Trichlorofluoromethane	3.27	101	131883	19.180	ug/l	98
8) Diethyl Ether	3.70	74	39298	18.242	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.09	101	81213	19.457	ug/l	98
10) Methyl Iodide	4.30	142	73149	17.866	ug/l	98
11) Tert butyl alcohol	5.22	59	34716	84.995	ug/l #	93
12) 1,1-Dichloroethene	4.06	96	80579	19.642	ug/l	93
13) Acrolein	3.92	56	33273	93.995	ug/l	97
14) Allyl chloride	4.71	41	144699	17.694	ug/l	96
15) Acrylonitrile	5.42	53	86396	85.303	ug/l	99
16) Acetone	4.16	43	79432	86.359	ug/l	97
17) Carbon Disulfide	4.40	76	257609	19.096	ug/l	96
18) Methyl Acetate	4.71	43	37584	16.434	ug/l	98
19) Methyl tert-butyl Ether	5.47	73	182859	18.383	ug/l	98
20) Methylene Chloride	4.96	84	90665	19.568	ug/l	90
21) trans-1,2-Dichloroethene	5.47	96	91458	19.475	ug/l	96
22) Diisopropyl ether	6.36	45	278989	18.344	ug/l	96
23) Vinyl Acetate	6.30	43	805911	87.737	ug/l	98
24) 1,1-Dichloroethane	6.26	63	154704	18.569	ug/l	98
25) 2-Butanone	7.21	43	117418	86.062	ug/l	95
26) 2,2-Dichloropropane	7.20	77	145783	19.435	ug/l	100
27) cis-1,2-Dichloroethene	7.21	96	100415	19.705	ug/l	95
28) Bromochloromethane	7.54	49	60432	17.392	ug/l	94
29) Tetrahydrofuran	7.57	42	72899	82.899	ug/l	96
30) Chloroform	7.71	83	152969	19.080	ug/l	95
31) Cyclohexane	7.98	56	159713	18.527	ug/l	92
32) 1,1,1-Trichloroethane	7.90	97	142019	19.110	ug/l	100
36) 1,1-Dichloropropene	8.11	75	127947	19.993	ug/l	98
37) Ethyl Acetate	7.29	43	51872	16.833	ug/l	97
38) Carbon Tetrachloride	8.10	117	129849	20.464	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	161971	20.159	ug/l	98
40) Benzene	8.35	78	350551	20.057	ug/l	100
41) Methacrylonitrile	7.54	41	36514m	20.543	ug/l	
42) 1,2-Dichloroethane	8.43	62	96949	19.277	ug/l	100
43) Isopropyl Acetate	8.46	43	108473	17.603	ug/l	98
44) Trichloroethene	9.11	130	101722	21.120	ug/l	99
45) 1,2-Dichloropropane	9.39	63	86881	19.222	ug/l	95
46) Dibromomethane	9.48	93	44275	19.528	ug/l	97
47) Bromodichloromethane	9.66	83	119678	19.739	ug/l	99
48) Methyl methacrylate	9.46	41	54653	17.713	ug/l	96
49) 1,4-Dioxane	9.47	88	10202	367.089	ug/l	97
51) 4-Methyl-2-Pentanone	10.23	43	262492	88.386	ug/l	98
52) Toluene	10.41	92	229870	20.797	ug/l	98
53) t-1,3-Dichloropropene	10.62	75	118853	19.354	ug/l	97
54) cis-1,3-Dichloropropene	10.09	75	142048	19.634	ug/l	99
55) 1,1,2-Trichloroethane	10.80	97	61421	20.095	ug/l	98
56) Ethyl methacrylate	10.66	69	80983	18.350	ug/l	98
57) 1,3-Dichloropropane	10.95	76	106547	19.390	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.94	63	188372	92.977	ug/l	97
59) 2-Hexanone	10.98	43	182319	89.256	ug/l	100
60) Dibromochloromethane	11.14	129	81617	19.878	ug/l	99
61) 1,2-Dibromoethane	11.25	107	60928	19.812	ug/l	98
64) Tetrachloroethene	10.88	164	86537	21.525	ug/l	98
65) Chlorobenzene	11.67	112	235867	20.724	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.74	131	89232	21.027	ug/l	99
67) Ethyl Benzene	11.75	91	437716	20.615	ug/l	99
68) m/p-Xylenes	11.86	106	334082	42.206	ug/l	96
69) o-Xylene	12.18	106	153331	20.759	ug/l	97
70) Styrene	12.20	104	262620	20.680	ug/l	100
71) Bromoform	12.37	173	47891	20.057	ug/l #	98
73) Isopropylbenzene	12.48	105	418883	20.251	ug/l	99
74) N-amyl acetate	12.29	43	103879	17.592	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.74	83	64835	18.692	ug/l	100
76) 1,2,3-Trichloropropane	12.79	75	41862m	18.156	ug/l	
77) Bromobenzene	12.77	156	98929	20.857	ug/l	95
78) n-propylbenzene	12.83	91	501335	20.584	ug/l	99
79) 2-Chlorotoluene	12.91	91	273552	19.880	ug/l	98
80) 1,3,5-Trimethylbenzene	12.97	105	347981	20.491	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.54	75	24459	18.778	ug/l	97
82) 4-Chlorotoluene	13.01	91	282661	19.630	ug/l	98
83) tert-Butylbenzene	13.23	119	301164	20.835	ug/l	99
84) 1,2,4-Trimethylbenzene	13.27	105	344038	20.338	ug/l	98
85) sec-Butylbenzene	13.41	105	420788	20.753	ug/l	100
86) p-Isopropyltoluene	13.53	119	382585	20.706	ug/l	98
87) 1,3-Dichlorobenzene	13.53	146	186213	20.888	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	183483	20.861	ug/l	98
89) n-Butylbenzene	13.85	91	361138	20.173	ug/l	99
90) Hexachloroethane	14.12	117	76001	20.652	ug/l	96
91) 1,2-Dichlorobenzene	13.90	146	160591	20.876	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.52	75	9547	16.375	ug/l	84

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	118536	20.538	ug/l	99
94) Hexachlorobutadiene	15.28	225	70719	21.143	ug/l	98
95) Naphthalene	15.41	128	197932	19.509	ug/l	100
96) 1,2,3-Trichlorobenzene	15.61	180	99792	20.326	ug/l	99

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

