

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD050720\
 Data File : VD065709.D
 Acq On : 07 May 2020 13:23
 Operator : VA/SY
 Sample : L2182-02 5PPBL00
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0309

Quant Time: May 08 08:24:57 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D050620S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 08 07:56:31 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	400609	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	609629	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	540888	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	266156	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	187699	46.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.56%	
35) Dibromofluoromethane	7.92	113	192311	50.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.94%	
50) Toluene-d8	10.34	98	733606	50.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.28%	
62) 4-Bromofluorobenzene	12.64	95	253818	48.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.86%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.98	85	16032	5.102	ug/l	95
3) Chloromethane	2.21	50	21856	5.515	ug/l	93
4) Vinyl Chloride	2.35	62	22131	5.512	ug/l	98
5) Bromomethane	2.77	94	15888	6.270	ug/l	94
6) Chloroethane	2.92	64	14761	5.723	ug/l #	88
7) Trichlorofluoromethane	3.27	101	32077	5.008	ug/l	91
8) Diethyl Ether	3.71	74	9809	4.888	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.09	101	19768	5.084	ug/l	97
10) Methyl Iodide	4.29	142	16108	4.224	ug/l	98
11) Tert butyl alcohol	5.20	59	13980	39.099	ug/l #	86
12) 1,1-Dichloroethene	4.07	96	18862	4.936	ug/l	90
13) Acrolein	3.92	56	8747	26.529	ug/l #	82
14) Allyl chloride	4.71	41	32430	4.257	ug/l	92
15) Acrylonitrile	5.42	53	21867	23.179	ug/l	98
16) Acetone	4.16	43	18074	21.096	ug/l #	86
17) Carbon Disulfide	4.41	76	59300	4.719	ug/l	98
18) Methyl Acetate	4.73	43	11004	5.166	ug/l	99
19) Methyl tert-butyl Ether	5.48	73	45271	4.886	ug/l	91
20) Methylene Chloride	4.97	84	25630	5.939	ug/l	90
21) trans-1,2-Dichloroethene	5.47	96	21919	5.011	ug/l	96
22) Diisopropyl ether	6.37	45	66103	4.666	ug/l #	95
23) Vinyl Acetate	6.31	43	186880	21.842	ug/l	97
24) 1,1-Dichloroethane	6.26	63	36006	4.640	ug/l	93
25) 2-Butanone	7.21	43	30022	23.624	ug/l	99
26) 2,2-Dichloropropane	7.21	77	34276	4.906	ug/l	100
27) cis-1,2-Dichloroethene	7.21	96	23095	4.866	ug/l	96
28) Bromochloromethane	7.56	49	14432	4.459	ug/l	96
29) Tetrahydrofuran	7.56	42	20443	24.958	ug/l	97
30) Chloroform	7.71	83	36033	4.825	ug/l	96
31) Cyclohexane	7.98	56	43105	5.368	ug/l #	75
32) 1,1,1-Trichloroethane	7.90	97	32858	4.747	ug/l	98
36) 1,1-Dichloropropene	8.11	75	29642	4.896	ug/l	96
37) Ethyl Acetate	7.30	43	14000	4.802	ug/l #	95
38) Carbon Tetrachloride	8.10	117	29999	4.998	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	39289	5.169	ug/l	96
40) Benzene	8.36	78	80931	4.895	ug/l	97
41) Methacrylonitrile	7.53	41	7941	4.723	ug/l	99
42) 1,2-Dichloroethane	8.43	62	23529	4.945	ug/l	94
43) Isopropyl Acetate	8.46	43	29797	5.111	ug/l	99
44) Trichloroethene	9.11	130	23811	5.226	ug/l	94
45) 1,2-Dichloropropane	9.39	63	20353	4.760	ug/l #	89
46) Dibromomethane	9.48	93	10473	4.883	ug/l	99
47) Bromodichloromethane	9.67	83	28030	4.887	ug/l	98
48) Methyl methacrylate	9.46	41	12751	4.368	ug/l	87
49) 1,4-Dioxane	9.46	88	2682	102.008	ug/l #	90
51) 4-Methyl-2-Pentanone	10.23	43	69699	24.808	ug/l	99
52) Toluene	10.40	92	51489	4.924	ug/l	96
53) t-1,3-Dichloropropene	10.63	75	28456	4.898	ug/l	91
54) cis-1,3-Dichloropropene	10.09	75	32798	4.792	ug/l	97
55) 1,1,2-Trichloroethane	10.81	97	15113	5.227	ug/l	92
56) Ethyl methacrylate	10.66	69	20298	4.862	ug/l	93
57) 1,3-Dichloropropane	10.95	76	25385	4.883	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.94	63	47654	24.863	ug/l	99
59) 2-Hexanone	10.98	43	43798	22.665	ug/l	96
60) Dibromochloromethane	11.14	129	19353	4.982	ug/l	99
61) 1,2-Dibromoethane	11.25	107	14479	4.977	ug/l	98
64) Tetrachloroethene	10.88	164	20193	5.246	ug/l	97
65) Chlorobenzene	11.67	112	54676	5.017	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.75	131	20907	5.146	ug/l	96
67) Ethyl Benzene	11.75	91	102414	5.038	ug/l	96
68) m/p-Xylenes	11.86	106	76488	10.092	ug/l	96
69) o-Xylene	12.18	106	34511	4.880	ug/l	100
70) Styrene	12.20	104	60976	5.015	ug/l	97
71) Bromoform	12.37	173	11753	5.141	ug/l #	99
73) Isopropylbenzene	12.48	105	95201	4.721	ug/l	99
74) N-amyl acetate	12.30	43	25990	4.514	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.74	83	16790	4.965	ug/l	96
76) 1,2,3-Trichloropropane	12.78	75	12833m	5.709	ug/l	
77) Bromobenzene	12.77	156	23018	4.978	ug/l	95
78) n-propylbenzene	12.83	91	111363	4.690	ug/l	99
79) 2-Chlorotoluene	12.91	91	63381	4.724	ug/l	97
80) 1,3,5-Trimethylbenzene	12.97	105	78299	4.729	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.53	75	5761	4.537	ug/l	100
82) 4-Chlorotoluene	13.01	91	66767	4.756	ug/l	98
83) tert-Butylbenzene	13.23	119	69056	4.900	ug/l	96
84) 1,2,4-Trimethylbenzene	13.27	105	79324	4.810	ug/l	97
85) sec-Butylbenzene	13.41	105	94131	4.762	ug/l	98
86) p-Isopropyltoluene	13.53	119	87890	4.879	ug/l	98
87) 1,3-Dichlorobenzene	13.52	146	43763	5.035	ug/l	97
88) 1,4-Dichlorobenzene	13.60	146	44011	5.132	ug/l	98
89) n-Butylbenzene	13.85	91	82430	4.723	ug/l	99
90) Hexachloroethane	14.12	117	17996	5.016	ug/l	99
91) 1,2-Dichlorobenzene	13.90	146	38535	5.138	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.52	75	3004	5.285	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	28705	5.101	ug/l	98
94) Hexachlorobutadiene	15.28	225	16780	5.146	ug/l	98
95) Naphthalene	15.41	128	48663	4.920	ug/l	98
96) 1,2,3-Trichlorobenzene	15.61	180	24594	5.138	ug/l	98

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

