

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD051520\
 Data File : VD065749.D
 Acq On : 15 May 2020 13:41
 Operator : VA/SY
 Sample : VD0515SBS01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0515SBS01

Quant Time: May 15 19:28:52 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D051320S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 13 14:28:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	313547	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	478106	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	433051	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	209986	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	135344	53.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.12%	
35) Dibromofluoromethane	7.92	113	139803	51.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.22%	
50) Toluene-d8	10.34	98	517081	50.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.28%	
62) 4-Bromofluorobenzene	12.64	95	177673	50.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.76%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	37403	18.182	ug/l	100
3) Chloromethane	2.21	50	59478	20.174	ug/l	95
4) Vinyl Chloride	2.35	62	64513	20.208	ug/l	98
5) Bromomethane	2.76	94	47491	22.515	ug/l	98
6) Chloroethane	2.92	64	46044	22.236	ug/l	97
7) Trichlorofluoromethane	3.27	101	88901	20.143	ug/l	94
8) Diethyl Ether	3.71	74	27414	21.618	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	4.09	101	55114	20.316	ug/l	99
10) Methyl Iodide	4.30	142	56977	20.106	ug/l	99
11) Tert butyl alcohol	5.22	59	22237	68.045	ug/l	100
12) 1,1-Dichloroethene	4.07	96	53302	20.716	ug/l	95
13) Acrolein	3.92	56	17903	118.699	ug/l	97
14) Allyl chloride	4.71	41	93236	20.958	ug/l	100
15) Acrylonitrile	5.42	53	62564	111.678	ug/l	98
16) Acetone	4.16	43	51151	98.694	ug/l	95
17) Carbon Disulfide	4.40	76	165910	20.416	ug/l	100
18) Methyl Acetate	4.71	43	29463	22.776	ug/l	99
19) Methyl tert-butyl Ether	5.48	73	132854	22.132	ug/l	97
20) Methylene Chloride	4.97	84	65748	22.486	ug/l	94
21) trans-1,2-Dichloroethene	5.47	96	63627	21.478	ug/l	98
22) Diisopropyl ether	6.36	45	186468	22.016	ug/l	95
23) Vinyl Acetate	6.30	43	541171	108.633	ug/l	98
24) 1,1-Dichloroethane	6.27	63	105947	21.364	ug/l	98
25) 2-Butanone	7.21	43	77835	105.060	ug/l	95
26) 2,2-Dichloropropane	7.21	77	98687	21.441	ug/l	99
27) cis-1,2-Dichloroethene	7.21	96	71872	22.139	ug/l	97
28) Bromochloromethane	7.55	49	41258	20.236	ug/l	99
29) Tetrahydrofuran	7.56	42	51256	109.119	ug/l	100
30) Chloroform	7.71	83	109544	21.858	ug/l	94
31) Cyclohexane	7.98	56	100722	20.065	ug/l	96
32) 1,1,1-Trichloroethane	7.91	97	102146	21.757	ug/l	98
36) 1,1-Dichloropropene	8.11	75	85716	20.644	ug/l	99
37) Ethyl Acetate	7.30	43	37956	21.338	ug/l	98
38) Carbon Tetrachloride	8.10	117	92532	21.012	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	104705	19.677	ug/l	98
40) Benzene	8.35	78	242614	21.249	ug/l	98
41) Methacrylonitrile	7.53	41	20368	20.791	ug/l	91
42) 1,2-Dichloroethane	8.43	62	71443	22.473	ug/l	100
43) Isopropyl Acetate	8.45	43	73798	20.932	ug/l	98
44) Trichloroethene	9.11	130	73327	21.453	ug/l	97
45) 1,2-Dichloropropane	9.39	63	62155	22.080	ug/l	100
46) Dibromomethane	9.48	93	32546	21.441	ug/l	96
47) Bromodichloromethane	9.67	83	87541	22.033	ug/l	96
48) Methyl methacrylate	9.46	41	34378	20.773	ug/l	97
49) 1,4-Dioxane	9.46	88	7856	438.639	ug/l	92
51) 4-Methyl-2-Pentanone	10.23	43	182188	107.984	ug/l	99
52) Toluene	10.41	92	156219	20.885	ug/l	96
53) t-1,3-Dichloropropene	10.63	75	83925	21.622	ug/l	100
54) cis-1,3-Dichloropropene	10.09	75	99710	21.597	ug/l	95
55) 1,1,2-Trichloroethane	10.80	97	45005	21.764	ug/l	95
56) Ethyl methacrylate	10.67	69	56575	20.992	ug/l	96
57) 1,3-Dichloropropane	10.95	76	78700	21.882	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.94	63	131497	104.873	ug/l	98
59) 2-Hexanone	10.98	43	120987	105.305	ug/l	99
60) Dibromochloromethane	11.14	129	61426	22.183	ug/l	97
61) 1,2-Dibromoethane	11.25	107	44802	21.693	ug/l	97
64) Tetrachloroethene	10.88	164	61134	20.416	ug/l	95
65) Chlorobenzene	11.67	112	169952	20.826	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	63859	20.902	ug/l	98
67) Ethyl Benzene	11.75	91	307694	21.147	ug/l	99
68) m/p-Xylenes	11.86	106	236096	42.483	ug/l	99
69) o-Xylene	12.18	106	110871	21.431	ug/l	98
70) Styrene	12.20	104	188240	21.321	ug/l	100
71) Bromoform	12.37	173	35708	21.176	ug/l #	100
73) Isopropylbenzene	12.48	105	294972	20.924	ug/l	100
74) N-amyl acetate	12.29	43	68982	21.076	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.74	83	48164	21.586	ug/l	99
76) 1,2,3-Trichloropropane	12.79	75	36915m	23.556	ug/l	
77) Bromobenzene	12.77	156	75127	22.110	ug/l	96
78) n-propylbenzene	12.83	91	348135	21.141	ug/l	99
79) 2-Chlorotoluene	12.91	91	194947	21.395	ug/l	99
80) 1,3,5-Trimethylbenzene	12.97	105	245015	21.094	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.53	75	16967	21.240	ug/l	97
82) 4-Chlorotoluene	13.01	91	206079	21.453	ug/l	100
83) tert-Butylbenzene	13.23	119	214470	20.823	ug/l	99
84) 1,2,4-Trimethylbenzene	13.27	105	245895	21.466	ug/l	100
85) sec-Butylbenzene	13.41	105	294232	20.994	ug/l	99
86) p-Isopropyltoluene	13.53	119	270879	21.027	ug/l	100
87) 1,3-Dichlorobenzene	13.53	146	138354	21.709	ug/l	100
88) 1,4-Dichlorobenzene	13.60	146	137278	21.625	ug/l	98
89) n-Butylbenzene	13.85	91	252629	20.972	ug/l	100
90) Hexachloroethane	14.12	117	53110	21.073	ug/l	96
91) 1,2-Dichlorobenzene	13.90	146	120451	21.851	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.52	75	7900	21.173	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	87366	20.833	ug/l	96
94) Hexachlorobutadiene	15.28	225	50411	20.051	ug/l	99
95) Naphthalene	15.41	128	148630	21.309	ug/l	100
96) 1,2,3-Trichlorobenzene	15.60	180	74779	20.915	ug/l	99

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

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