

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD091120\
 Data File : VD066644.D
 Acq On : 11 Sep 2020 13:17
 Operator : VA/SY
 Sample : VD0911SBS01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0911SBS01

Manual Integrations
 APPROVED

MMDadoda
 9/14/2020 12:06:44 PM

Quant Time: Sep 12 03:20:12 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D090320S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 04 01:57:04 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.97	168	347044	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	578999	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	538709	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	256307	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	224446	53.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.90%	
35) Dibromofluoromethane	7.91	113	205884	52.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.42%	
50) Toluene-d8	10.34	98	751649	53.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.68%	
62) 4-Bromofluorobenzene	12.63	95	254967	55.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.16%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	72972	23.363	ug/l	86
3) Chloromethane	2.21	50	93217	21.239	ug/l	98
4) Vinyl Chloride	2.35	62	98980	20.334	ug/l	96
5) Bromomethane	2.76	94	65673	18.472	ug/l	89
6) Chloroethane	2.92	64	59183	19.142	ug/l	99
7) Trichlorofluoromethane	3.27	101	151776	21.106	ug/l	95
8) Diethyl Ether	3.71	74	37375	20.640	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.08	101	85087	21.863	ug/l	100
10) Methyl Iodide	4.30	142	71233	22.475	ug/l	99
11) Tert butyl alcohol	5.20	59	42023	140.028	ug/l #	74
12) 1,1-Dichloroethene	4.07	96	74699	21.364	ug/l	95
13) Acrolein	3.91	56	14491	84.404	ug/l	89
14) Allyl chloride	4.71	41	121407	21.187	ug/l	97
15) Acrylonitrile	5.42	53	84861	109.093	ug/l	99
16) Acetone	4.16	43	91979	119.053	ug/l	97
17) Carbon Disulfide	4.41	76	246455	21.441	ug/l	97
18) Methyl Acetate	4.72	43	39581	21.492	ug/l	97
19) Methyl tert-butyl Ether	5.47	73	168979	20.609	ug/l	95
20) Methylene Chloride	4.96	84	108079	21.957	ug/l	96
21) trans-1,2-Dichloroethene	5.46	96	89218	21.488	ug/l	97
22) Diisopropyl ether	6.36	45	259108	21.988	ug/l	97
23) Vinyl Acetate	6.30	43	712978	106.321	ug/l	97
24) 1,1-Dichloroethane	6.26	63	159223	21.486	ug/l	97
25) 2-Butanone	7.21	43	116975	112.789	ug/l	96
26) 2,2-Dichloropropane	7.20	77	149212	21.951	ug/l	97
27) cis-1,2-Dichloroethene	7.21	96	92942	20.816	ug/l	96
28) Bromochloromethane	7.54	49	59118	20.722	ug/l #	97
29) Tetrahydrofuran	7.56	42	66668	103.217	ug/l	98
30) Chloroform	7.71	83	167765	21.399	ug/l	95
31) Cyclohexane	7.98	56	145880	21.296	ug/l	96
32) 1,1,1-Trichloroethane	7.90	97	156965	21.295	ug/l	98
36) 1,1-Dichloropropene	8.11	75	131241	21.781	ug/l	99
37) Ethyl Acetate	7.28	43	48875	20.370	ug/l	96
38) Carbon Tetrachloride	8.10	117	140472	22.056	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.35	83	142601	21.194	ug/l	98
40) Benzene	8.34	78	353562	21.424	ug/l	99
41) Methacrylonitrile	7.52	41	28413	24.464	ug/l	95
42) 1,2-Dichloroethane	8.42	62	113017	21.137	ug/l	98
43) Isopropyl Acetate	8.45	43	95395	20.746	ug/l	99
44) Trichloroethene	9.10	130	95823	22.136	ug/l	94
45) 1,2-Dichloropropane	9.38	63	87822	21.161	ug/l	89
46) Dibromomethane	9.47	93	47312	20.663	ug/l	97
47) Bromodichloromethane	9.66	83	133361	21.528	ug/l	99
48) Methyl methacrylate	9.45	41	53042	22.813	ug/l	92
49) 1,4-Dioxane	9.46	88	10636	423.413	ug/l	95
51) 4-Methyl-2-Pentanone	10.23	43	239678	103.355	ug/l	100
52) Toluene	10.40	92	222515	21.301	ug/l	98
53) t-1,3-Dichloropropene	10.62	75	113608	20.775	ug/l	91
54) cis-1,3-Dichloropropene	10.08	75	137858	20.992	ug/l	97
55) 1,1,2-Trichloroethane	10.80	97	63877	21.698	ug/l	98
56) Ethyl methacrylate	10.66	69	72697	21.208	ug/l	99
57) 1,3-Dichloropropane	10.94	76	107929	20.930	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.94	63	187924	119.861	ug/l	97
59) 2-Hexanone	10.98	43	166704	106.898	ug/l	99
60) Dibromochloromethane	11.14	129	85814	22.043	ug/l	98
61) 1,2-Dibromoethane	11.24	107	60163	21.006	ug/l	98
64) Tetrachloroethene	10.87	164	74748	20.608	ug/l	97
65) Chlorobenzene	11.67	112	225101	20.246	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.74	131	87549	20.632	ug/l	99
67) Ethyl Benzene	11.74	91	420975	20.620	ug/l	97
68) m/p-Xylenes	11.85	106	318446	42.009	ug/l	97
69) o-Xylene	12.18	106	139202	20.490	ug/l	98
70) Styrene	12.19	104	249916	21.160	ug/l	99
71) Bromoform	12.36	173	43767	20.466	ug/l #	99
73) Isopropylbenzene	12.48	105	389485	20.524	ug/l	99
74) N-amyl acetate	12.28	43	84888	19.751	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.73	83	66991	19.982	ug/l	100
76) 1,2,3-Trichloropropane	12.78	75	53435m	21.678	ug/l	
77) Bromobenzene	12.76	156	86639	20.479	ug/l	99
78) n-propylbenzene	12.82	91	487526	21.193	ug/l	99
79) 2-Chlorotoluene	12.91	91	268607	20.813	ug/l	99
80) 1,3,5-Trimethylbenzene	12.96	105	336255	21.053	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.53	75	21461	20.326	ug/l	93
82) 4-Chlorotoluene	13.01	91	291009	21.087	ug/l	99
83) tert-Butylbenzene	13.23	119	268688	20.600	ug/l	100
84) 1,2,4-Trimethylbenzene	13.27	105	336299	21.148	ug/l	99
85) sec-Butylbenzene	13.40	105	395086	21.025	ug/l	99
86) p-Isopropyltoluene	13.52	119	359506	21.255	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	175897	20.942	ug/l	100
88) 1,4-Dichlorobenzene	13.60	146	175634	20.834	ug/l	99
89) n-Butylbenzene	13.85	91	341535	20.722	ug/l	98
90) Hexachloroethane	14.11	117	74698	20.497	ug/l	99
91) 1,2-Dichlorobenzene	13.89	146	147753	20.126	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.51	75	11225	19.710	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	87882	19.946	ug/l	100
94) Hexachlorobutadiene	15.27	225	54222	20.485	ug/l	98
95) Naphthalene	15.41	128	150450	19.541	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	75670	20.145	ug/l	97

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

