

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD091020\
 Data File : VD066611.D
 Acq On : 10 Sep 2020 12:58
 Operator : VA/SY
 Sample : VD0910SBS01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0910SBS01

Manual Integrations
 APPROVED

MMDadoda
 9/11/2020 10:17:57 AM

Quant Time: Sep 11 02:27:33 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	353904	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	577288	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	535831	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	249229	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	232929	54.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.80%	
35) Dibromofluoromethane	7.91	113	209582	53.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.64%	
50) Toluene-d8	10.34	98	775547	55.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.44%	
62) 4-Bromofluorobenzene	12.63	95	260396	56.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.84%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	72430	22.626	ug/l	93
3) Chloromethane	2.21	50	90747	20.276	ug/l	100
4) Vinyl Chloride	2.35	62	100909	20.328	ug/l	92
5) Bromomethane	2.76	94	69831	19.474	ug/l	98
6) Chloroethane	2.92	64	59823	18.974	ug/l #	85
7) Trichlorofluoromethane	3.27	101	153576	20.943	ug/l	96
8) Diethyl Ether	3.71	74	36006	19.499	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.10	101	79892	20.130	ug/l	99
10) Methyl Iodide	4.30	142	64822	20.489	ug/l	100
11) Tert butyl alcohol	5.23	59	34201	100.548	ug/l #	87
12) 1,1-Dichloroethene	4.06	96	70623	19.807	ug/l	97
13) Acrolein	3.92	56	16094	91.924	ug/l	97
14) Allyl chloride	4.71	41	116076	19.864	ug/l	98
15) Acrylonitrile	5.42	53	83542	105.316	ug/l #	88
16) Acetone	4.16	43	81194	103.057	ug/l	95
17) Carbon Disulfide	4.41	76	236529	20.179	ug/l	98
18) Methyl Acetate	4.71	43	40846	21.749	ug/l	98
19) Methyl tert-butyl Ether	5.48	73	173479	20.747	ug/l	99
20) Methylene Chloride	4.96	84	100381	19.318	ug/l	96
21) trans-1,2-Dichloroethene	5.47	96	84328	19.916	ug/l	98
22) Diisopropyl ether	6.36	45	253983	21.135	ug/l	99
23) Vinyl Acetate	6.30	43	713381	104.319	ug/l	98
24) 1,1-Dichloroethane	6.26	63	154076	20.389	ug/l	99
25) 2-Butanone	7.21	43	106293	100.503	ug/l	100
26) 2,2-Dichloropropane	7.20	77	140586	20.281	ug/l	96
27) cis-1,2-Dichloroethene	7.21	96	90706	19.921	ug/l	99
28) Bromochloromethane	7.55	49	53755	18.477	ug/l	98
29) Tetrahydrofuran	7.56	42	67987	103.218	ug/l	99
30) Chloroform	7.71	83	162441	20.319	ug/l	100
31) Cyclohexane	7.98	56	138007	19.756	ug/l	96
32) 1,1,1-Trichloroethane	7.90	97	150617	20.038	ug/l	100
36) 1,1-Dichloropropene	8.11	75	123018	20.476	ug/l	98
37) Ethyl Acetate	7.29	43	50775	21.224	ug/l	97
38) Carbon Tetrachloride	8.09	117	131378	20.689	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.35	83	134913	20.110	ug/l	96
40) Benzene	8.34	78	338604	20.579	ug/l	99
41) Methacrylonitrile	7.52	41	25694	22.188	ug/l #	65
42) 1,2-Dichloroethane	8.43	62	108546	20.361	ug/l	87
43) Isopropyl Acetate	8.45	43	98206	21.421	ug/l	97
44) Trichloroethene	9.11	130	88811	20.577	ug/l	94
45) 1,2-Dichloropropane	9.38	63	84056	20.314	ug/l	94
46) Dibromomethane	9.47	93	46288	20.276	ug/l	96
47) Bromodichloromethane	9.66	83	129355	20.943	ug/l	94
48) Methyl methacrylate	9.45	41	46031	19.856	ug/l	96
49) 1,4-Dioxane	9.46	88	9684	386.657	ug/l #	83
51) 4-Methyl-2-Pentanone	10.23	43	245457	106.161	ug/l	97
52) Toluene	10.40	92	214662	20.610	ug/l	98
53) t-1,3-Dichloropropene	10.61	75	111908	20.524	ug/l	94
54) cis-1,3-Dichloropropene	10.09	75	132079	20.172	ug/l	95
55) 1,1,2-Trichloroethane	10.80	97	61637	20.999	ug/l	95
56) Ethyl methacrylate	10.66	69	68490	20.040	ug/l	97
57) 1,3-Dichloropropane	10.94	76	106676	20.749	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.94	63	192448	123.110	ug/l	98
59) 2-Hexanone	10.98	43	162537	104.535	ug/l	99
60) Dibromochloromethane	11.14	129	78723	20.282	ug/l	97
61) 1,2-Dibromoethane	11.24	107	60511	21.190	ug/l	97
64) Tetrachloroethene	10.87	164	71031	19.688	ug/l	93
65) Chlorobenzene	11.67	112	222474	20.117	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.74	131	83372	19.753	ug/l	99
67) Ethyl Benzene	11.74	91	399142	19.656	ug/l	99
68) m/p-Xylenes	11.86	106	307198	40.743	ug/l	99
69) o-Xylene	12.18	106	134520	19.907	ug/l	98
70) Styrene	12.20	104	236614	20.141	ug/l	99
71) Bromoform	12.36	173	44095	20.730	ug/l #	98
73) Isopropylbenzene	12.48	105	379784	20.582	ug/l	99
74) N-amyl acetate	12.28	43	82175	19.662	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.73	83	68220	20.927	ug/l	99
76) 1,2,3-Trichloropropane	12.78	75	42016m	17.529	ug/l	
77) Bromobenzene	12.76	156	87534	21.278	ug/l	97
78) n-propylbenzene	12.82	91	463835	20.735	ug/l	100
79) 2-Chlorotoluene	12.91	91	261860	20.867	ug/l	99
80) 1,3,5-Trimethylbenzene	12.96	105	323756	20.846	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.53	75	20810	20.269	ug/l	94
82) 4-Chlorotoluene	13.01	91	275948	20.563	ug/l	99
83) tert-Butylbenzene	13.23	119	262759	20.718	ug/l	99
84) 1,2,4-Trimethylbenzene	13.27	105	324385	20.978	ug/l	96
85) sec-Butylbenzene	13.40	105	368960	20.192	ug/l	99
86) p-Isopropyltoluene	13.52	119	341317	20.753	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	169509	20.755	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	168511	20.557	ug/l	98
89) n-Butylbenzene	13.84	91	322234	20.106	ug/l	98
90) Hexachloroethane	14.11	117	68233	19.255	ug/l	93
91) 1,2-Dichlorobenzene	13.89	146	141645	19.842	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.51	75	10696	19.315	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	89866	20.976	ug/l	96
94) Hexachlorobutadiene	15.27	225	51680	20.079	ug/l	100
95) Naphthalene	15.40	128	155626	20.788	ug/l	98
96) 1,2,3-Trichlorobenzene	15.60	180	77981	21.350	ug/l	96

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

