

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD091720\
 Data File : VD066736.D
 Acq On : 17 Sep 2020 11:25
 Operator : VA/SY
 Sample : VD0917SBS01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0917SBS01

Manual Integrations
 APPROVED

MMDadoda
 9/18/2020 12:18:16 PM

Quant Time: Sep 18 01:24:38 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D091520S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 15 16:35:37 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.97	168	403836	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	669489	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	622617	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	292676	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	214029	49.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.34%	
35) Dibromofluoromethane	7.91	113	209224	50.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.94%	
50) Toluene-d8	10.34	98	750988	51.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.70%	
62) 4-Bromofluorobenzene	12.63	95	254162	50.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.70%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	70519	20.830	ug/l	94
3) Chloromethane	2.20	50	86273	19.632	ug/l	97
4) Vinyl Chloride	2.35	62	89094	19.371	ug/l	97
5) Bromomethane	2.76	94	65801	20.168	ug/l	93
6) Chloroethane	2.92	64	54517	19.027	ug/l	92
7) Trichlorofluoromethane	3.27	101	155141	19.529	ug/l	96
8) Diethyl Ether	3.71	74	38661	19.435	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.09	101	85850	19.664	ug/l	98
10) Methyl Iodide	4.30	142	75393	18.201	ug/l	98
11) Tert butyl alcohol	5.23	59	42168m	113.178	ug/l	
12) 1,1-Dichloroethene	4.06	96	75440	18.670	ug/l	94
13) Acrolein	3.92	56	29623	97.482	ug/l	97
14) Allyl chloride	4.71	41	125981	19.413	ug/l	97
15) Acrylonitrile	5.43	53	85760	98.415	ug/l	99
16) Acetone	4.16	43	87741	99.999	ug/l	98
17) Carbon Disulfide	4.41	76	261094	20.563	ug/l	98
18) Methyl Acetate	4.72	43	41021	19.720	ug/l	96
19) Methyl tert-butyl Ether	5.48	73	176490	19.609	ug/l	98
20) Methylene Chloride	4.96	84	109565	18.608	ug/l	96
21) trans-1,2-Dichloroethene	5.46	96	92156	19.575	ug/l	100
22) Diisopropyl ether	6.36	45	264997	20.097	ug/l #	98
23) Vinyl Acetate	6.30	43	728448	99.316	ug/l	96
24) 1,1-Dichloroethane	6.26	63	164670	19.680	ug/l	96
25) 2-Butanone	7.21	43	108086	94.603	ug/l	100
26) 2,2-Dichloropropane	7.20	77	146748	18.966	ug/l	96
27) cis-1,2-Dichloroethene	7.21	96	102905	19.980	ug/l	100
28) Bromochloromethane	7.54	49	69905	22.367	ug/l	96
29) Tetrahydrofuran	7.56	42	67059	95.931	ug/l	98
30) Chloroform	7.71	83	179224	20.126	ug/l	95
31) Cyclohexane	7.98	56	145006	19.052	ug/l	96
32) 1,1,1-Trichloroethane	7.90	97	162421	19.932	ug/l	99
36) 1,1-Dichloropropene	8.11	75	134125	19.486	ug/l	99
37) Ethyl Acetate	7.29	43	51728	19.851	ug/l	98
38) Carbon Tetrachloride	8.09	117	141420	19.347	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.35	83	141583	17.983	ug/l	95
40) Benzene	8.34	78	372072	19.980	ug/l	96
41) Methacrylonitrile	7.51	41	24655	17.872	ug/l	90
42) 1,2-Dichloroethane	8.42	62	114486	19.844	ug/l	98
43) Isopropyl Acetate	8.45	43	94761	19.320	ug/l	98
44) Trichloroethene	9.11	130	98260	19.735	ug/l	90
45) 1,2-Dichloropropane	9.38	63	90432	19.643	ug/l	95
46) Dibromomethane	9.47	93	49457	19.550	ug/l	95
47) Bromodichloromethane	9.66	83	137108	19.890	ug/l	96
48) Methyl methacrylate	9.45	41	44627	17.888	ug/l	91
49) 1,4-Dioxane	9.46	88	10132	373.892	ug/l #	88
51) 4-Methyl-2-Pentanone	10.23	43	241783	95.750	ug/l	100
52) Toluene	10.40	92	239981	20.116	ug/l	100
53) t-1,3-Dichloropropene	10.62	75	121103	19.666	ug/l	93
54) cis-1,3-Dichloropropene	10.08	75	145488	19.891	ug/l	99
55) 1,1,2-Trichloroethane	10.80	97	63665	19.088	ug/l	96
56) Ethyl methacrylate	10.66	69	73493	19.417	ug/l	99
57) 1,3-Dichloropropane	10.94	76	116292	19.867	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.94	63	189474	113.979	ug/l	100
59) 2-Hexanone	10.98	43	167536	98.743	ug/l	100
60) Dibromochloromethane	11.14	129	89356	20.560	ug/l	97
61) 1,2-Dibromoethane	11.24	107	63332	19.794	ug/l	99
64) Tetrachloroethene	10.87	164	76362	17.967	ug/l	95
65) Chlorobenzene	11.67	112	249487	19.354	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.74	131	91418	19.221	ug/l	99
67) Ethyl Benzene	11.74	91	446753	19.133	ug/l	96
68) m/p-Xylenes	11.85	106	341794	38.731	ug/l	99
69) o-Xylene	12.18	106	149539	19.175	ug/l	98
70) Styrene	12.19	104	259233	18.887	ug/l	97
71) Bromoform	12.36	173	46656	19.546	ug/l #	100
73) Isopropylbenzene	12.48	105	404039	18.492	ug/l	99
74) N-amyl acetate	12.29	43	83788	18.180	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.73	83	74072	19.951	ug/l	97
76) 1,2,3-Trichloropropane	12.78	75	44581m	17.795	ug/l	
77) Bromobenzene	12.76	156	94144	18.695	ug/l	98
78) n-propylbenzene	12.82	91	501559	18.831	ug/l	99
79) 2-Chlorotoluene	12.91	91	285427	18.952	ug/l	98
80) 1,3,5-Trimethylbenzene	12.96	105	353557	19.138	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.53	75	22150	19.082	ug/l	98
82) 4-Chlorotoluene	13.01	91	303421	19.054	ug/l	100
83) tert-Butylbenzene	13.23	119	281967	18.518	ug/l	98
84) 1,2,4-Trimethylbenzene	13.27	105	353248	19.134	ug/l	100
85) sec-Butylbenzene	13.40	105	402806	18.453	ug/l	100
86) p-Isopropyltoluene	13.52	119	378368	19.066	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	186599	19.314	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	186173	19.351	ug/l	99
89) n-Butylbenzene	13.84	91	349199	18.505	ug/l	97
90) Hexachloroethane	14.11	117	77184	18.933	ug/l	100
91) 1,2-Dichlorobenzene	13.89	146	164285	19.845	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.51	75	11847	19.740	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	95882	19.150	ug/l	98
94) Hexachlorobutadiene	15.27	225	54188	17.963	ug/l	99
95) Naphthalene	15.41	128	159374	18.218	ug/l	100
96) 1,2,3-Trichlorobenzene	15.60	180	80303	18.362	ug/l	94

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

