

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD092120\
 Data File : VD066783.D
 Acq On : 21 Sep 2020 15:26
 Operator : VA/SY
 Sample : VD0921SBS01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0921SBS01

Manual Integrations
 APPROVED

MMDadoda
 9/22/2020 2:09:49 PM

Quant Time: Sep 22 01:13:55 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	7.98	168	418594	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	696444	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	637266	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	298565	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	218670	48.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.92%	
35) Dibromofluoromethane	7.91	113	213671	50.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.08%	
50) Toluene-d8	10.34	98	761069	50.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.06%	
62) 4-Bromofluorobenzene	12.63	95	265686	50.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.20%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	71380	20.219	ug/l	98
3) Chloromethane	2.21	50	85980	18.875	ug/l	98
4) Vinyl Chloride	2.35	62	85542	17.943	ug/l	99
5) Bromomethane	2.76	94	57779	17.085	ug/l	96
6) Chloroethane	2.92	64	50129	16.879	ug/l	91
7) Trichlorofluoromethane	3.27	101	154160	18.722	ug/l	97
8) Diethyl Ether	3.71	74	42731	20.724	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.10	101	86095	19.025	ug/l	97
10) Methyl Iodide	4.30	142	86923	20.245	ug/l	99
11) Tert butyl alcohol	5.21	59	34029	67.166	ug/l #	95
12) 1,1-Dichloroethene	4.07	96	78697	18.789	ug/l	97
13) Acrolein	3.93	56	26109	82.889	ug/l	98
14) Allyl chloride	4.71	41	123167	18.311	ug/l	99
15) Acrylonitrile	5.42	53	91098	100.855	ug/l	98
16) Acetone	4.16	43	80637	88.663	ug/l	99
17) Carbon Disulfide	4.41	76	254254	19.318	ug/l	99
18) Methyl Acetate	4.72	43	42317	19.607	ug/l	98
19) Methyl tert-butyl Ether	5.47	73	184857	19.814	ug/l	95
20) Methylene Chloride	4.97	84	110987	17.989	ug/l	93
21) trans-1,2-Dichloroethene	5.48	96	96712	19.819	ug/l	97
22) Diisopropyl ether	6.37	45	275685	20.170	ug/l #	92
23) Vinyl Acetate	6.31	43	655921	86.275	ug/l	98
24) 1,1-Dichloroethane	6.26	63	170281	19.633	ug/l	95
25) 2-Butanone	7.21	43	107229	90.544	ug/l	93
26) 2,2-Dichloropropane	7.20	77	150924	18.818	ug/l	100
27) cis-1,2-Dichloroethene	7.21	96	105487	19.759	ug/l	98
28) Bromochloromethane	7.55	49	68932	21.278	ug/l	93
29) Tetrahydrofuran	7.56	42	71855	99.168	ug/l	98
30) Chloroform	7.71	83	185013	20.043	ug/l	98
31) Cyclohexane	7.98	56	145167	18.401	ug/l	97
32) 1,1,1-Trichloroethane	7.90	97	160250	18.972	ug/l	99
36) 1,1-Dichloropropene	8.11	75	132816	18.549	ug/l	98
37) Ethyl Acetate	7.30	43	51683	19.066	ug/l #	97
38) Carbon Tetrachloride	8.10	117	141985	18.672	ug/l	90

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.35	83	148670	18.152	ug/l	98
40) Benzene	8.35	78	384121	19.829	ug/l	98
41) Methacrylonitrile	7.53	41	29907m	20.840	ug/l	
42) 1,2-Dichloroethane	8.42	62	116803	19.462	ug/l	98
43) Isopropyl Acetate	8.45	43	97465	19.102	ug/l	96
44) Trichloroethene	9.11	130	103605	20.003	ug/l	97
45) 1,2-Dichloropropane	9.38	63	95471	19.935	ug/l	93
46) Dibromomethane	9.47	93	53078	20.169	ug/l	99
47) Bromodichloromethane	9.66	83	139864	19.504	ug/l	99
48) Methyl methacrylate	9.45	41	47549	18.321	ug/l	91
49) 1,4-Dioxane	9.46	88	13119	465.382	ug/l	97
51) 4-Methyl-2-Pentanone	10.23	43	249172	94.857	ug/l	99
52) Toluene	10.40	92	245942	19.818	ug/l	99
53) t-1,3-Dichloropropene	10.62	75	121384	18.948	ug/l	99
54) cis-1,3-Dichloropropene	10.08	75	142822	18.771	ug/l	100
55) 1,1,2-Trichloroethane	10.80	97	70389	20.287	ug/l #	90
56) Ethyl methacrylate	10.66	69	77671	19.726	ug/l	98
57) 1,3-Dichloropropane	10.94	76	119528	19.630	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.94	63	209936	121.400	ug/l	96
59) 2-Hexanone	10.98	43	161269	91.371	ug/l	96
60) Dibromochloromethane	11.14	129	92500	20.460	ug/l	96
61) 1,2-Dibromoethane	11.24	107	66377	19.943	ug/l	97
64) Tetrachloroethene	10.87	164	90286	20.754	ug/l	95
65) Chlorobenzene	11.67	112	260844	19.770	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.74	131	97322	19.992	ug/l	97
67) Ethyl Benzene	11.74	91	461107	19.294	ug/l	97
68) m/p-Xylenes	11.85	106	347489	38.471	ug/l	100
69) o-Xylene	12.18	106	156078	19.554	ug/l	95
70) Styrene	12.20	104	275219	19.590	ug/l	99
71) Bromoform	12.36	173	48368	19.798	ug/l #	96
73) Isopropylbenzene	12.48	105	421596	18.915	ug/l	100
74) N-amyl acetate	12.29	43	86255	18.346	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.73	83	77212	20.387	ug/l	95
76) 1,2,3-Trichloropropane	12.78	75	55560m	21.741	ug/l	
77) Bromobenzene	12.76	156	100812	19.624	ug/l	99
78) n-propylbenzene	12.82	91	511898	18.840	ug/l	98
79) 2-Chlorotoluene	12.91	91	293547	19.107	ug/l	98
80) 1,3,5-Trimethylbenzene	12.96	105	365797	19.410	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.53	75	18248	15.410	ug/l	95
82) 4-Chlorotoluene	13.01	91	313149	19.277	ug/l	98
83) tert-Butylbenzene	13.23	119	292600	18.838	ug/l	97
84) 1,2,4-Trimethylbenzene	13.27	105	365181	19.390	ug/l	99
85) sec-Butylbenzene	13.40	105	418361	18.787	ug/l	99
86) p-Isopropyltoluene	13.52	119	386433	19.088	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	190874	19.367	ug/l	97
88) 1,4-Dichlorobenzene	13.60	146	193689	19.735	ug/l	99
89) n-Butylbenzene	13.85	91	353624	18.370	ug/l	99
90) Hexachloroethane	14.11	117	74712	17.965	ug/l	97
91) 1,2-Dichlorobenzene	13.89	146	166312	19.694	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.51	75	11318	18.486	ug/l	90

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.16	180	106629	20.876	ug/l	98
94) Hexachlorobutadiene	15.27	225	58094	18.878	ug/l	98
95) Naphthalene	15.41	128	174719	19.578	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	89396	20.038	ug/l	95

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

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