

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX050620\
 Data File : VX016080.D
 Acq On : 06 May 2020 13:50
 Operator : JC/SP
 Sample : L2182-09 2.5PPB MDL
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MDL-WATER-03-QT2-2020DL

Manual Integrations
 APPROVED

MMDadoda
 5/8/2020 11:55:01 AM

Quant Time: May 07 07:57:38 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X050420W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 07 07:43:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	295959	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	478062	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	435104	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	213553	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	185864	47.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.44%	
35) Dibromofluoromethane	5.47	113	140592	46.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.84%	
50) Toluene-d8	8.70	98	555222	47.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.16%	
62) 4-Bromofluorobenzene	11.12	95	206115	46.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.88%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.18	85	7021	2.241 ug/l	98
3) Chloromethane	1.31	50	8793	2.417 ug/l	97
4) Vinyl Chloride	1.39	62	9200	2.370 ug/l	100
5) Bromomethane	1.63	94	6781	3.465 ug/l	93
6) Chloroethane	1.71	64	5838	2.472 ug/l	96
7) Trichlorofluoromethane	1.92	101	12054	2.366 ug/l	98
8) Diethyl Ether	2.17	74	4822	2.246 ug/l	86
9) 1,1,2-Trichlorotrifluoroet	2.36	101	7124	2.423 ug/l	99
10) Methyl Iodide	2.49	142	7385	1.870 ug/l	98
11) Tert butyl alcohol	3.01	59	11588	11.767 ug/l	96
12) 1,1-Dichloroethene	2.36	96	7696	2.502 ug/l	100
13) Acrolein	2.27	56	7020	11.391 ug/l	99
14) Allyl chloride	2.71	41	13593	2.410 ug/l	98
15) Acrylonitrile	3.12	53	24454	11.970 ug/l	99
16) Acetone	2.42	43	21081	12.132 ug/l	99
17) Carbon Disulfide	2.55	76	23558	2.249 ug/l	98
18) Methyl Acetate	2.75	43	10219	2.392 ug/l	99
19) Methyl tert-butyl Ether	3.17	73	25335	2.389 ug/l	100
20) Methylene Chloride	2.84	84	8618	2.406 ug/l	94
21) trans-1,2-Dichloroethene	3.14	96	8528	2.487 ug/l	99
22) Diisopropyl ether	3.83	45	25809	2.425 ug/l	88
23) Vinyl Acetate	3.79	43	105915	11.312 ug/l	99
24) 1,1-Dichloroethane	3.68	63	14688	2.467 ug/l	98
25) 2-Butanone	4.64	43	33670	12.024 ug/l	96
26) 2,2-Dichloropropane	4.55	77	12793	2.353 ug/l	98
27) cis-1,2-Dichloroethene	4.57	96	9675	2.581 ug/l	92
28) Bromochloromethane	4.99	49	6878	2.534 ug/l	96
29) Tetrahydrofuran	5.09	42	21870	11.787 ug/l	98
30) Chloroform	5.18	83	14311	2.414 ug/l	97
31) Cyclohexane	5.56	56	13433	2.483 ug/l	90
32) 1,1,1-Trichloroethane	5.46	97	13314	2.471 ug/l	98
36) 1,1-Dichloropropene	5.77	75	10771	2.289 ug/l	96
37) Ethyl Acetate	4.80	43	12566	2.304 ug/l	95
38) Carbon Tetrachloride	5.76	117	11543	2.413 ug/l	85

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	13019	2.297	ug/l	94
40) Benzene	6.12	78	32816	2.383	ug/l	97
41) Methacrylonitrile	5.01	41	6749	2.291	ug/l	97
42) 1,2-Dichloroethane	6.17	62	12392	2.498	ug/l	98
43) Isopropyl Acetate	6.42	43	20118	2.312	ug/l	99
44) Trichloroethene	7.19	130	12023	2.458	ug/l	97
45) 1,2-Dichloropropane	7.49	63	8417	2.416	ug/l	97
46) Dibromomethane	7.64	93	5502	2.324	ug/l	99
47) Bromodichloromethane	7.88	83	10961	2.273	ug/l	97
48) Methyl methacrylate	7.75	41	9204	2.232	ug/l	98
49) 1,4-Dioxane	7.71	88	4669	47.210	ug/l #	92
51) 4-Methyl-2-Pentanone	8.62	43	60393	11.341	ug/l	98
52) Toluene	8.77	92	20841	2.428	ug/l	98
53) t-1,3-Dichloropropene	9.02	75	13092	2.277	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	13224	2.202	ug/l	96
55) 1,1,2-Trichloroethane	9.20	97	7894	2.338	ug/l	92
56) Ethyl methacrylate	9.16	69	12044	2.185	ug/l	99
57) 1,3-Dichloropropane	9.35	76	14031	2.381	ug/l	97
58) 2-Chloroethyl Vinyl ether	8.29	63	31839	10.850	ug/l	98
59) 2-Hexanone	9.48	43	46167	11.039	ug/l	99
60) Dibromochloromethane	9.57	129	8371	2.251	ug/l	99
61) 1,2-Dibromoethane	9.65	107	8311	2.272	ug/l	98
64) Tetrachloroethene	9.32	164	13169	2.465	ug/l	97
65) Chlorobenzene	10.12	112	21636	2.375	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.21	131	7862	2.335	ug/l	95
67) Ethyl Benzene	10.24	91	37081	2.281	ug/l	96
68) m/p-Xylenes	10.34	106	28495	4.679	ug/l	98
69) o-Xylene	10.68	106	13996	2.391	ug/l	94
70) Styrene	10.70	104	21888	2.204	ug/l	99
71) Bromoform	10.84	173	5609	2.044	ug/l #	99
73) Isopropylbenzene	11.00	105	35203	2.266	ug/l	99
74) N-amyl acetate	10.88	43	16641	2.297	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.26	83	6053	2.210	ug/l	94
76) 1,2,3-Trichloropropane	11.28	75	11648m	2.404	ug/l	
77) Bromobenzene	11.24	156	9567	2.386	ug/l	98
78) n-propylbenzene	11.34	91	41342	2.288	ug/l	99
79) 2-Chlorotoluene	11.40	91	24960	2.340	ug/l	98
80) 1,3,5-Trimethylbenzene	11.49	105	29348	2.238	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	4123	2.028	ug/l	95
82) 4-Chlorotoluene	11.49	91	29326	2.328	ug/l	100
83) tert-Butylbenzene	11.76	119	25192	2.229	ug/l	96
84) 1,2,4-Trimethylbenzene	11.79	105	29907	2.256	ug/l	99
85) sec-Butylbenzene	11.93	105	34722	2.275	ug/l	99
86) p-Isopropyltoluene	12.05	119	32471	2.292	ug/l	98
87) 1,3-Dichlorobenzene	12.01	146	16300	2.264	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	17067	2.336	ug/l	87
89) n-Butylbenzene	12.37	91	27412	2.118	ug/l	100
90) Hexachloroethane	12.58	117	5075	2.086	ug/l	97
91) 1,2-Dichlorobenzene	12.38	146	16124	2.326	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	2833	2.218	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	11416	2.225	ug/l	98
94) Hexachlorobutadiene	13.77	225	4898	2.064	ug/l	99
95) Naphthalene	13.82	128	35963	2.164	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	10994	2.192	ug/l	98

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

