

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX050520\
 Data File : VX016058.D
 Acq On : 05 May 2020 13:04
 Operator : JC/SP
 Sample : L2182-08 1.0PPB LOQ
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LOQ-WATER-02-QT2-2020

Manual Integrations
 APPROVED

MMDadoda
 5/6/2020 12:27:23 PM

Quant Time: May 06 06:39:54 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X050420W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 06 06:20:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	299921	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	481665	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	437113	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	212446	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.04	65	189995	48.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.28%	
35) Dibromofluoromethane	5.46	113	141407	46.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.68%	
50) Toluene-d8	8.70	98	555157	47.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.44%	
62) 4-Bromofluorobenzene	11.12	95	200749	44.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.78%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	2967	0.935	ug/l	100
3) Chloromethane	1.31	50	3636	0.986	ug/l	93
4) Vinyl Chloride	1.39	62	3778	0.960	ug/l	99
5) Bromomethane	1.63	94	2969	1.497	ug/l	99
6) Chloroethane	1.71	64	2514	1.050	ug/l #	87
7) Trichlorofluoromethane	1.92	101	5069	0.982	ug/l	92
8) Diethyl Ether	2.17	74	2231	1.025	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	2964	0.995	ug/l	97
10) Methyl Iodide	2.50	142	3061	0.765	ug/l	94
11) Tert butyl alcohol	3.01	59	5050	5.060	ug/l	95
12) 1,1-Dichloroethene	2.35	96	3108	0.997	ug/l	94
13) Acrolein	2.27	56	3177	5.087	ug/l	97
14) Allyl chloride	2.71	41	5625	0.984	ug/l	98
15) Acrylonitrile	3.12	53	9678	4.675	ug/l	96
16) Acetone	2.42	43	9229	5.241	ug/l	96
17) Carbon Disulfide	2.55	76	11149	1.050	ug/l	99
18) Methyl Acetate	2.75	43	4445	1.027	ug/l	91
19) Methyl tert-butyl Ether	3.17	73	10716	0.997	ug/l	95
20) Methylene Chloride	2.84	84	3570	0.983	ug/l	94
21) trans-1,2-Dichloroethene	3.14	96	3550	1.022	ug/l	94
22) Diisopropyl ether	3.83	45	10606	0.983	ug/l	92
23) Vinyl Acetate	3.79	43	42061	4.433	ug/l	98
24) 1,1-Dichloroethane	3.68	63	6191	1.026	ug/l #	93
25) 2-Butanone	4.65	43	13253	4.670	ug/l	100
26) 2,2-Dichloropropane	4.56	77	5432	0.986	ug/l	99
27) cis-1,2-Dichloroethene	4.57	96	3441	0.906	ug/l	96
28) Bromochloromethane	4.98	49	2873	1.044	ug/l #	97
29) Tetrahydrofuran	5.10	42	9304	4.948	ug/l	97
30) Chloroform	5.18	83	6101	1.016	ug/l	99
31) Cyclohexane	5.55	56	5421	0.989	ug/l	95
32) 1,1,1-Trichloroethane	5.47	97	5345	0.979	ug/l #	50
36) 1,1-Dichloropropene	5.78	75	4895	1.032	ug/l	95
37) Ethyl Acetate	4.80	43	4811	0.875	ug/l #	90
38) Carbon Tetrachloride	5.75	117	4672	0.969	ug/l	91

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	5711	1.000	ug/l	90
40) Benzene	6.12	78	13475	0.971	ug/l	97
41) Methacrylonitrile	5.01	41	2763	0.931	ug/l #	90
42) 1,2-Dichloroethane	6.17	62	5145	1.030	ug/l	96
43) Isopropyl Acetate	6.42	43	8442	0.963	ug/l	98
44) Trichloroethene	7.20	130	4919	0.998	ug/l	95
45) 1,2-Dichloropropane	7.49	63	3433	0.978	ug/l	98
46) Dibromomethane	7.64	93	2142	0.898	ug/l	88
47) Bromodichloromethane	7.88	83	4492	0.925	ug/l #	92
48) Methyl methacrylate	7.75	41	3457	0.832	ug/l	89
49) 1,4-Dioxane	7.72	88	1924	19.309	ug/l #	86
51) 4-Methyl-2-Pentanone	8.62	43	23369	4.355	ug/l	98
52) Toluene	8.77	92	8224	0.951	ug/l	98
53) t-1,3-Dichloropropene	9.02	75	5263	0.909	ug/l	95
54) cis-1,3-Dichloropropene	8.41	75	5555	0.918	ug/l	94
55) 1,1,2-Trichloroethane	9.20	97	3296	0.969	ug/l	94
56) Ethyl methacrylate	9.16	69	4782	0.861	ug/l	94
57) 1,3-Dichloropropane	9.35	76	5570	0.938	ug/l	91
58) 2-Chloroethyl Vinyl ether	8.29	63	10679	3.612	ug/l	100
59) 2-Hexanone	9.48	43	18207	4.321	ug/l	97
60) Dibromochloromethane	9.57	129	3345	0.893	ug/l	92
61) 1,2-Dibromoethane	9.66	107	3265	0.886	ug/l	97
64) Tetrachloroethene	9.32	164	5678	1.058	ug/l	96
65) Chlorobenzene	10.12	112	8644	0.944	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.21	131	3120	0.922	ug/l #	60
67) Ethyl Benzene	10.24	91	15308	0.937	ug/l	96
68) m/p-Xylenes	10.35	106	11224	1.834	ug/l	100
69) o-Xylene	10.68	106	5376	0.914	ug/l	96
70) Styrene	10.69	104	8710	0.873	ug/l	97
71) Bromoform	10.84	173	2196	0.797	ug/l #	98
73) Isopropylbenzene	11.00	105	13917	0.901	ug/l	98
74) N-amyl acetate	10.88	43	6152	0.854	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.26	83	2358	0.865	ug/l	96
76) 1,2,3-Trichloropropane	11.28	75	4574m	0.949	ug/l	
77) Bromobenzene	11.24	156	3899	0.978	ug/l	97
78) n-propylbenzene	11.35	91	17193	0.956	ug/l	99
79) 2-Chlorotoluene	11.41	91	9995	0.942	ug/l	97
80) 1,3,5-Trimethylbenzene	11.49	105	11489	0.881	ug/l	95
81) trans-1,4-Dichloro-2-buten	11.06	75	1800m	0.890	ug/l	
82) 4-Chlorotoluene	11.49	91	12153	0.970	ug/l	99
83) tert-Butylbenzene	11.76	119	10195	0.907	ug/l	97
84) 1,2,4-Trimethylbenzene	11.79	105	11564	0.877	ug/l	98
85) sec-Butylbenzene	11.93	105	13703	0.903	ug/l	100
86) p-Isopropyltoluene	12.05	119	12551	0.890	ug/l	95
87) 1,3-Dichlorobenzene	12.01	146	6838	0.955	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	7339m	1.010	ug/l	
89) n-Butylbenzene	12.37	91	10911	0.847	ug/l	100
90) Hexachloroethane	12.58	117	1938	0.801	ug/l	88
91) 1,2-Dichlorobenzene	12.38	146	6590	0.956	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	12.99	75	1217	0.958	ug/l	84

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	4611	0.903	ug/l	96
94) Hexachlorobutadiene	13.76	225	2334	0.989	ug/l	90
95) Naphthalene	13.82	128	14643	0.886	ug/l	98
96) 1,2,3-Trichlorobenzene	14.01	180	4660	0.934	ug/l	98

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

