

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX071320\
 Data File : VX017359.D
 Acq On : 13 Jul 2020 17:36
 Operator : JC/SP
 Sample : L3216-08 1.0PPB LOQ
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LOQ-WATER-02-QT3-2020

Manual Integrations
 APPROVED

MMDadoda
 7/14/2020 11:36:07 AM

Quant Time: Jul 14 03:47:49 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071320W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 14 03:17:30 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	313551	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	506452	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	475852	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	237098	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	200546	50.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.92%	
35) Dibromofluoromethane	5.47	113	162146	47.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.06%	
50) Toluene-d8	8.70	98	580656	47.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.38%	
62) 4-Bromofluorobenzene	11.12	95	212632	43.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.00%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	2745	1.035	ug/l	93
3) Chloromethane	1.31	50	3424	1.146	ug/l	92
4) Vinyl Chloride	1.39	62	2768	0.937	ug/l #	82
6) Chloroethane	1.71	64	2279	1.222	ug/l #	84
7) Trichlorofluoromethane	1.92	101	4899	0.982	ug/l	100
8) Diethyl Ether	2.17	74	2179	1.236	ug/l	66
9) 1,1,2-Trichlorotrifluoroet	2.37	101	3035	1.068	ug/l	95
12) 1,1-Dichloroethene	2.36	96	3335	1.169	ug/l	85
14) Allyl chloride	2.71	41	5580	1.129	ug/l	94
15) Acrylonitrile	3.12	53	8980	5.587	ug/l	94
16) Acetone	2.42	43	8483	6.042	ug/l	92
17) Carbon Disulfide	2.55	76	9615	1.155	ug/l #	85
18) Methyl Acetate	2.75	43	3923	1.131	ug/l #	87
19) Methyl tert-butyl Ether	3.17	73	9847	1.016	ug/l	94
20) Methylene Chloride	2.83	84	4670	1.363	ug/l	91
21) trans-1,2-Dichloroethene	3.15	96	3510	1.075	ug/l	85
22) Diisopropyl ether	3.83	45	9704	1.030	ug/l #	87
23) Vinyl Acetate	3.78	43	38720	4.675	ug/l	98
24) 1,1-Dichloroethane	3.68	63	6164	1.114	ug/l #	82
25) 2-Butanone	4.64	43	11885	5.330	ug/l	97
26) 2,2-Dichloropropane	4.54	77	5454	1.059	ug/l	77
27) cis-1,2-Dichloroethene	4.57	96	4173	1.166	ug/l	94
28) Bromochloromethane	4.98	49	3082	1.205	ug/l #	84
29) Tetrahydrofuran	5.11	42	7733	5.357	ug/l	94
30) Chloroform	5.17	83	6212	1.043	ug/l	97
32) 1,1,1-Trichloroethane	5.46	97	5601	1.017	ug/l #	47
36) 1,1-Dichloropropene	5.78	75	4738	1.017	ug/l	95
37) Ethyl Acetate	4.81	43	4312	0.895	ug/l #	92
38) Carbon Tetrachloride	5.75	117	5149	0.944	ug/l	96
39) Methylcyclohexane	7.43	83	4615	0.912	ug/l #	87
40) Benzene	6.12	78	13724	1.025	ug/l	92
41) Methacrylonitrile	5.01	41	2788	1.078	ug/l #	80
42) 1,2-Dichloroethane	6.17	62	5647	1.086	ug/l	92
43) Isopropyl Acetate	6.42	43	7405	0.962	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Trichloroethene	7.19	130	3946	0.965	ug/l	96
45) 1,2-Dichloropropane	7.49	63	3327	0.971	ug/l	96
46) Dibromomethane	7.65	93	2793	1.131	ug/l	85
47) Bromodichloromethane	7.88	83	4493	0.870	ug/l #	93
48) Methyl methacrylate	7.75	41	3747	1.014	ug/l	92
49) 1,4-Dioxane	7.72	88	1538	20.345	ug/l #	68
51) 4-Methyl-2-Pentanone	8.62	43	20045	4.270	ug/l	95
52) Toluene	8.76	92	8122	0.945	ug/l	98
53) t-1,3-Dichloropropene	9.02	75	5120	0.920	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	4927	0.830	ug/l #	91
55) 1,1,2-Trichloroethane	9.20	97	3722	1.039	ug/l #	85
56) Ethyl methacrylate	9.16	69	4411	0.867	ug/l	94
57) 1,3-Dichloropropane	9.35	76	5611	0.942	ug/l #	83
58) 2-Chloroethyl Vinyl ether	8.29	63	10762	4.167	ug/l	99
59) 2-Hexanone	9.48	43	14085	3.976	ug/l	98
60) Dibromochloromethane	9.56	129	3844	0.878	ug/l	99
61) 1,2-Dibromoethane	9.65	107	4038	1.036	ug/l	92
64) Tetrachloroethene	9.32	164	4751	1.154	ug/l #	82
65) Chlorobenzene	10.12	112	9253	0.957	ug/l	94
66) 1,1,1,2-Tetrachloroethane	10.20	131	3595	0.934	ug/l #	64
67) Ethyl Benzene	10.23	91	14218	0.883	ug/l	99
68) m/p-Xylenes	10.34	106	10445	1.705	ug/l	99
69) o-Xylene	10.68	106	5015	0.857	ug/l	99
70) Styrene	10.70	104	7646	0.761	ug/l	94
71) Bromoform	10.84	173	2849	0.877	ug/l #	96
73) Isopropylbenzene	11.00	105	12851	0.865	ug/l	96
74) N-amyl acetate	10.88	43	5080	0.854	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.25	83	4988	1.105	ug/l	95
76) 1,2,3-Trichloropropane	11.28	75	4502m	1.028	ug/l	
77) Bromobenzene	11.24	156	4184	0.988	ug/l	90
78) n-propylbenzene	11.34	91	15571	0.933	ug/l	96
79) 2-Chlorotoluene	11.40	91	9740	0.947	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	10917	0.865	ug/l	95
82) 4-Chlorotoluene	11.49	91	11292	0.926	ug/l	97
83) tert-Butylbenzene	11.76	119	10760	0.882	ug/l	94
84) 1,2,4-Trimethylbenzene	11.79	105	10695	0.839	ug/l	96
85) sec-Butylbenzene	11.93	105	11783	0.825	ug/l	99
86) p-Isopropyltoluene	12.05	119	11078	0.820	ug/l	90
87) 1,3-Dichlorobenzene	12.01	146	7925	1.047	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	8414m	1.100	ug/l	
89) n-Butylbenzene	12.37	91	10402	0.903	ug/l	98
90) Hexachloroethane	12.58	117	2532	0.987	ug/l	85
91) 1,2-Dichlorobenzene	12.38	146	6895	0.969	ug/l	93
92) 1,2-Dibromo-3-Chloropropan	12.98	75	1166	0.979	ug/l	86
93) 1,2,4-Trichlorobenzene	13.63	180	4609	0.933	ug/l	96
94) Hexachlorobutadiene	13.76	225	2334	1.159	ug/l	90
95) Naphthalene	13.82	128	12322	0.848	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	4637	0.972	ug/l	98

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

