

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX101920\
 Data File : VX018966.D
 Acq On : 19 Oct 2020 21:23
 Operator : JC/SP
 Sample : L4214-07 2.5PPB LOD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2020

Manual Integrations
 APPROVED

MMDadoda
 10/20/2020 4:52:39 PM

Quant Time: Oct 20 10:16:08 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X101920W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 20 10:01:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	86931	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	161025	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	139066	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	62744	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	59454	53.54	ug/l	0.00
Spiked Amount			Recovery	=	107.08%	
35) Dibromofluoromethane	5.46	113	46996	47.12	ug/l	0.00
Spiked Amount			Recovery	=	94.24%	
50) Toluene-d8	8.70	98	183800	47.55	ug/l	0.00
Spiked Amount			Recovery	=	95.10%	
62) 4-Bromofluorobenzene	11.12	95	60591	44.20	ug/l	0.00
Spiked Amount			Recovery	=	88.40%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	1718	2.199	ug/l	99
3) Chloromethane	1.31	50	2241	2.632	ug/l	93
4) Vinyl Chloride	1.39	62	2797	2.450	ug/l	92
5) Bromomethane	1.63	94	3713	3.903	ug/l	93
6) Chloroethane	1.72	64	2263	2.747	ug/l	98
7) Trichlorofluoromethane	1.92	101	5123	2.660	ug/l	100
8) Diethyl Ether	2.17	74	2098	2.748	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.36	101	2563	2.417	ug/l	98
10) Methyl Iodide	2.49	142	1641	1.644	ug/l	96
11) Tert butyl alcohol	3.01	59	3958	15.306	ug/l	99
12) 1,1-Dichloroethene	2.36	96	2937	2.594	ug/l	97
13) Acrolein	2.27	56	2325	13.658	ug/l	99
14) Allyl chloride	2.70	41	3625	2.653	ug/l	95
15) Acrylonitrile	3.12	53	6307	13.241	ug/l	97
16) Acetone	2.42	43	5802	11.893	ug/l	96
17) Carbon Disulfide	2.55	76	6589	2.562	ug/l	99
18) Methyl Acetate	2.75	43	2985	2.763	ug/l	95
19) Methyl tert-butyl Ether	3.17	73	7233	2.481	ug/l	98
20) Methylene Chloride	2.84	84	2724	2.642	ug/l	90
21) trans-1,2-Dichloroethene	3.15	96	2554	2.462	ug/l	94
22) Diisopropyl ether	3.83	45	6434	2.546	ug/l	94
23) Vinyl Acetate	3.79	43	30759	12.608	ug/l	100
24) 1,1-Dichloroethane	3.67	63	4356	2.515	ug/l	99
25) 2-Butanone	4.64	43	9679	13.792	ug/l	100
26) 2,2-Dichloropropane	4.54	77	3819	2.354	ug/l	97
27) cis-1,2-Dichloroethene	4.56	96	3071	2.552	ug/l	98
28) Bromochloromethane	4.99	49	1860	2.551	ug/l #	99
29) Tetrahydrofuran	5.10	42	5482	13.294	ug/l	95
30) Chloroform	5.18	83	4758	2.540	ug/l	98
31) Cyclohexane	5.55	56	3642	2.660	ug/l	98
32) 1,1,1-Trichloroethane	5.46	97	4270	2.524	ug/l	97
36) 1,1-Dichloropropene	5.77	75	3658	2.389	ug/l	98
37) Ethyl Acetate	4.80	43	3428	2.266	ug/l	97
38) Carbon Tetrachloride	5.75	117	3691	2.338	ug/l #	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	3837	2.332	ug/l	97
40) Benzene	6.11	78	10600	2.406	ug/l	99
41) Methacrylonitrile	5.01	41	1989	2.542	ug/l	93
42) 1,2-Dichloroethane	6.17	62	3808	2.520	ug/l	99
43) Isopropyl Acetate	6.41	43	6135	2.517	ug/l	98
44) Trichloroethene	7.19	130	2805	2.305	ug/l	96
45) 1,2-Dichloropropane	7.49	63	2363	2.168	ug/l #	83
46) Dibromomethane	7.64	93	1797	2.306	ug/l	96
47) Bromodichloromethane	7.88	83	3792	2.408	ug/l #	97
48) Methyl methacrylate	7.75	41	2852	2.524	ug/l	91
49) 1,4-Dioxane	7.72	88	1145	44.217	ug/l #	79
51) 4-Methyl-2-Pentanone	8.62	43	17499	12.356	ug/l	95
52) Toluene	8.76	92	6618	2.323	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	3811	2.130	ug/l	95
54) cis-1,3-Dichloropropene	8.42	75	4202	2.225	ug/l	91
55) 1,1,2-Trichloroethane	9.20	97	2745	2.456	ug/l	95
56) Ethyl methacrylate	9.16	69	3905	2.276	ug/l	94
57) 1,3-Dichloropropane	9.35	76	4420	2.353	ug/l	97
58) 2-Chloroethyl Vinyl ether	8.29	63	10244	10.816	ug/l	99
59) 2-Hexanone	9.48	43	12975	12.052	ug/l	94
60) Dibromochloromethane	9.57	129	2543	2.056	ug/l	94
61) 1,2-Dibromoethane	9.65	107	2728	2.253	ug/l	98
64) Tetrachloroethene	9.32	164	2409	2.452	ug/l	94
65) Chlorobenzene	10.12	112	7039	2.419	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.20	131	2365	2.215	ug/l	99
67) Ethyl Benzene	10.24	91	12289	2.432	ug/l	98
68) m/p-Xylenes	10.34	106	8830	4.510	ug/l	95
69) o-Xylene	10.68	106	4194	2.220	ug/l	92
70) Styrene	10.70	104	6968	2.193	ug/l	96
71) Bromoform	10.84	173	1743	2.038	ug/l #	100
73) Isopropylbenzene	11.00	105	11132	2.449	ug/l	99
74) N-amyl acetate	10.88	43	4318	2.530	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.25	83	3754	2.534	ug/l	98
76) 1,2,3-Trichloropropane	11.28	75	3492m	2.561	ug/l	
77) Bromobenzene	11.24	156	2673	2.426	ug/l	90
78) n-propylbenzene	11.34	91	12842	2.471	ug/l	97
79) 2-Chlorotoluene	11.40	91	8031	2.647	ug/l	93
80) 1,3,5-Trimethylbenzene	11.49	105	9027	2.379	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.05	75	1210	2.235	ug/l	92
82) 4-Chlorotoluene	11.49	91	8990	2.466	ug/l	98
83) tert-Butylbenzene	11.76	119	9040	2.387	ug/l	95
84) 1,2,4-Trimethylbenzene	11.79	105	9234	2.436	ug/l	98
85) sec-Butylbenzene	11.93	105	10655	2.392	ug/l	97
86) p-Isopropyltoluene	12.05	119	9508	2.334	ug/l	97
87) 1,3-Dichlorobenzene	12.01	146	4824	2.333	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	5026m	2.338	ug/l	
89) n-Butylbenzene	12.37	91	8698	2.343	ug/l	98
90) Hexachloroethane	12.58	117	1520	2.287	ug/l	91
91) 1,2-Dichlorobenzene	12.38	146	4643	2.336	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	12.98	75	847	2.515	ug/l	82

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	3084	2.240	ug/l	98
94) Hexachlorobutadiene	13.76	225	1247	2.178	ug/l	97
95) Naphthalene	13.82	128	10528	2.245	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	2924	2.194	ug/l	96

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

