

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX102220\
 Data File : VX019020.D
 Acq On : 22 Oct 2020 12:38
 Operator : JC/SP
 Sample : L4214-08 1.0PPB L00
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LOQ-WATER-02-QT4-2020

Manual Integrations
 APPROVED

MMDadoda
 10/23/2020 12:05:12 PM

Quant Time: Oct 23 10:27:02 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102120W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 23 09:59:01 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	236774	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	395932	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	359771	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	174864	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	136119	47.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.98%	
35) Dibromofluoromethane	5.46	113	115942	46.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.50%	
50) Toluene-d8	8.70	98	445386	46.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.12%	
62) 4-Bromofluorobenzene	11.12	95	156631	46.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.06%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.18	85	1704	0.723	ug/l	85
3) Chloromethane	1.31	50	2075	0.885	ug/l	93
4) Vinyl Chloride	1.39	62	2291	0.828	ug/l	96
6) Chloroethane	1.72	64	1680	0.972	ug/l	96
7) Trichlorofluoromethane	1.92	101	3833	0.820	ug/l	97
8) Diethyl Ether	2.17	74	1683	0.919	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	2.37	101	1962	0.886	ug/l	100
12) 1,1-Dichloroethene	2.36	96	1861	0.808	ug/l #	92
14) Allyl chloride	2.71	41	2382	0.799	ug/l #	85
15) Acrylonitrile	3.12	53	4779	4.302	ug/l	97
16) Acetone	2.43	43	4934	5.107	ug/l	94
17) Carbon Disulfide	2.55	76	5712	0.859	ug/l	97
18) Methyl Acetate	2.75	43	1907	0.796	ug/l	98
19) Methyl tert-butyl Ether	3.17	73	6321	0.866	ug/l #	85
20) Methylene Chloride	2.84	84	2810	1.045	ug/l #	96
21) trans-1,2-Dichloroethene	3.15	96	2453	0.912	ug/l #	78
22) Diisopropyl ether	3.83	45	5228	0.889	ug/l	91
23) Vinyl Acetate	3.78	43	23181	4.153	ug/l	97
24) 1,1-Dichloroethane	3.67	63	3480	0.813	ug/l	98
25) 2-Butanone	4.65	43	7424	4.864	ug/l	96
26) 2,2-Dichloropropane	4.55	77	3225	0.816	ug/l	99
27) cis-1,2-Dichloroethene	4.57	96	2692	0.882	ug/l	94
28) Bromochloromethane	4.98	49	1587	0.873	ug/l #	95
29) Tetrahydrofuran	5.11	42	4078	4.470	ug/l	96
30) Chloroform	5.18	83	4088	0.879	ug/l	98
32) 1,1,1-Trichloroethane	5.46	97	3483	0.826	ug/l #	46
36) 1,1-Dichloropropene	5.77	75	3051	0.859	ug/l	97
37) Ethyl Acetate	4.80	43	2992	0.987	ug/l #	86
38) Carbon Tetrachloride	5.76	117	3179	0.853	ug/l	89
39) Methylcyclohexane	7.45	83	3094	0.777	ug/l	92
40) Benzene	6.11	78	8803	0.841	ug/l	92
41) Methacrylonitrile	5.01	41	1694	1.040	ug/l #	41
42) 1,2-Dichloroethane	6.16	62	3297	0.923	ug/l	99
43) Isopropyl Acetate	6.41	43	5196	1.012	ug/l	93

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Quant Time: Oct 23 10:27:02 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102120W.M
 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Trichloroethene	7.19	130	2537	0.831	ug/l	96
45) 1,2-Dichloropropane	7.49	63	2250	0.896	ug/l	97
46) Dibromomethane	7.64	93	1656	0.866	ug/l	95
47) Bromodichloromethane	7.88	83	3023	0.807	ug/l	93
48) Methyl methacrylate	7.74	41	1695	0.670	ug/l #	75
49) 1,4-Dioxane	7.75	88	913	15.969	ug/l #	59
51) 4-Methyl-2-Pentanone	8.62	43	12433	4.109	ug/l	99
52) Toluene	8.76	92	5693	0.824	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	3369	0.796	ug/l	97
54) cis-1,3-Dichloropropene	8.42	75	3499	0.783	ug/l	96
55) 1,1,2-Trichloroethane	9.20	97	2348	0.833	ug/l	91
56) Ethyl methacrylate	9.16	69	3163	0.780	ug/l #	86
57) 1,3-Dichloropropane	9.35	76	3709	0.829	ug/l	97
58) 2-Chloroethyl Vinyl ether	8.29	63	8517	4.000	ug/l	97
59) 2-Hexanone	9.48	43	9060	4.018	ug/l	98
60) Dibromochloromethane	9.56	129	2291	0.746	ug/l	98
61) 1,2-Dibromoethane	9.65	107	2429	0.806	ug/l	98
64) Tetrachloroethene	9.32	164	2727	0.996	ug/l #	81
65) Chlorobenzene	10.12	112	6492	0.860	ug/l	95
66) 1,1,1,2-Tetrachloroethane	10.20	131	2046	0.763	ug/l #	61
67) Ethyl Benzene	10.24	91	11109	0.854	ug/l	96
68) m/p-Xylenes	10.34	106	7883	1.582	ug/l	98
69) o-Xylene	10.68	106	3883	0.814	ug/l	98
70) Styrene	10.70	104	6053	0.748	ug/l	98
71) Bromoform	10.84	173	1571	0.725	ug/l #	93
73) Isopropylbenzene	11.00	105	10430	0.829	ug/l	98
74) N-amyl acetate	10.88	43	3594	0.892	ug/l	90
75) 1,1,2,2-Tetrachloroethane	11.25	83	3354	0.885	ug/l	95
76) 1,2,3-Trichloropropane	11.27	75	3160m	0.904	ug/l	
77) Bromobenzene	11.24	156	2594	0.817	ug/l	95
78) n-propylbenzene	11.34	91	11873	0.833	ug/l	99
79) 2-Chlorotoluene	11.40	91	7142	0.859	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	8247	0.794	ug/l	99
82) 4-Chlorotoluene	11.49	91	8514	0.860	ug/l	100
83) tert-Butylbenzene	11.76	119	8508	0.831	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	8206	0.789	ug/l	100
85) sec-Butylbenzene	11.93	105	9761	0.788	ug/l	98
86) p-Isopropyltoluene	12.05	119	9062	0.801	ug/l	93
87) 1,3-Dichlorobenzene	12.01	146	5205	0.893	ug/l	95
88) 1,4-Dichlorobenzene	12.08	146	5329m	0.891	ug/l	
89) n-Butylbenzene	12.37	91	8156	0.787	ug/l	99
90) Hexachloroethane	12.58	117	1244	0.718	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	4677	0.861	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	12.98	75	654	0.758	ug/l	93
93) 1,2,4-Trichlorobenzene	13.63	180	3164	0.796	ug/l	99
94) Hexachlorobutadiene	13.76	225	1500	0.814	ug/l	99
95) Naphthalene	13.82	128	9227	0.738	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	2914	0.753	ug/l	95

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

