

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX101920\
 Data File : VX018967.D
 Acq On : 19 Oct 2020 21:46
 Operator : JC/SP
 Sample : L4214-08 1.0PPB LOQ
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

MMDadoda
 10/20/2020 4:52:42 PM

Quant Time: Oct 20 10:19:04 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	82355	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	153724	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	130940	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	58890	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	59366	56.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.86%	
35) Dibromofluoromethane	5.46	113	46560	48.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.80%	
50) Toluene-d8	8.70	98	182911	49.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.12%	
62) 4-Bromofluorobenzene	11.12	95	59794	45.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.38%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.18	85	629	0.850	ug/l	97
3) Chloromethane	1.32	50	854	1.059	ug/l	93
4) Vinyl Chloride	1.39	62	1043	0.965	ug/l	99
5) Bromomethane	1.64	94	1364	1.514	ug/l	97
6) Chloroethane	1.72	64	838	1.074	ug/l	94
7) Trichlorofluoromethane	1.92	101	1927	1.056	ug/l	99
8) Diethyl Ether	2.17	74	807	1.116	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.36	101	938	0.934	ug/l	88
10) Methyl Iodide	2.49	142	605	0.640	ug/l #	98
11) Tert butyl alcohol	3.02	59	1668	6.809	ug/l #	86
12) 1,1-Dichloroethene	2.36	96	1143	1.066	ug/l	93
13) Acrolein	2.28	56	1260	7.813	ug/l #	76
14) Allyl chloride	2.71	41	1451	1.121	ug/l #	93
15) Acrylonitrile	3.12	53	2278	5.048	ug/l	99
16) Acetone	2.42	43	2435	5.269	ug/l	100
17) Carbon Disulfide	2.55	76	2695	1.106	ug/l	98
18) Methyl Acetate	2.75	43	1228	1.200	ug/l #	81
19) Methyl tert-butyl Ether	3.17	73	2749	0.995	ug/l	99
20) Methylene Chloride	2.84	84	1125	1.152	ug/l	94
21) trans-1,2-Dichloroethene	3.15	96	949	0.966	ug/l #	86
22) Diisopropyl ether	3.82	45	2281	0.953	ug/l #	42
23) Vinyl Acetate	3.79	43	10855	4.697	ug/l	97
24) 1,1-Dichloroethane	3.67	63	1538	0.937	ug/l #	93
25) 2-Butanone	4.65	43	3610	5.430	ug/l	90
26) 2,2-Dichloropropane	4.55	77	1408	0.916	ug/l	90
27) cis-1,2-Dichloroethene	4.57	96	1174	1.030	ug/l	95
28) Bromochloromethane	4.98	49	671	0.971	ug/l #	87
29) Tetrahydrofuran	5.11	42	2012	5.150	ug/l	94
30) Chloroform	5.18	83	1699	0.957	ug/l	89
31) Cyclohexane	5.56	56	1323	1.020	ug/l	90
32) 1,1,1-Trichloroethane	5.46	97	1489	0.929	ug/l #	49
36) 1,1-Dichloropropene	5.77	75	1411	0.965	ug/l	97
37) Ethyl Acetate	4.79	43	1192	0.826	ug/l #	65
38) Carbon Tetrachloride	5.76	117	1382	0.917	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	1368	0.871	ug/l	95
40) Benzene	6.11	78	3794	0.902	ug/l	96
41) Methacrylonitrile	5.02	41	924	1.237	ug/l #	76
42) 1,2-Dichloroethane	6.17	62	1387	0.962	ug/l	77
43) Isopropyl Acetate	6.42	43	2262	0.972	ug/l	93
44) Trichloroethene	7.19	130	1049	0.903	ug/l	88
45) 1,2-Dichloropropane	7.49	63	945	0.908	ug/l	99
46) Dibromomethane	7.63	93	701	0.942	ug/l	94
47) Bromodichloromethane	7.88	83	1327	0.883	ug/l #	89
48) Methyl methacrylate	7.75	41	1117	1.035	ug/l	88
49) 1,4-Dioxane	7.73	88	366	14.805	ug/l #	81
51) 4-Methyl-2-Pentanone	8.62	43	6253	4.625	ug/l	94
52) Toluene	8.76	92	2408	0.885	ug/l	97
53) t-1,3-Dichloropropene	9.02	75	1358	0.795	ug/l	96
54) cis-1,3-Dichloropropene	8.42	75	1655	0.918	ug/l	94
55) 1,1,2-Trichloroethane	9.20	97	959	0.899	ug/l #	93
56) Ethyl methacrylate	9.16	69	1374	0.839	ug/l #	86
57) 1,3-Dichloropropane	9.35	76	1487	0.829	ug/l	93
58) 2-Chloroethyl Vinyl ether	8.29	63	3698	4.090	ug/l	97
59) 2-Hexanone	9.48	43	4546	4.423	ug/l	96
60) Dibromochloromethane	9.56	129	879	0.744	ug/l	99
61) 1,2-Dibromoethane	9.65	107	972	0.841	ug/l	92
64) Tetrachloroethene	9.32	164	886	0.958	ug/l #	86
65) Chlorobenzene	10.12	112	2640	0.964	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.20	131	905	0.900	ug/l #	65
67) Ethyl Benzene	10.24	91	4352	0.915	ug/l	98
68) m/p-Xylenes	10.34	106	3268	1.773	ug/l	95
69) o-Xylene	10.68	106	1582	0.889	ug/l	93
70) Styrene	10.70	104	2451	0.819	ug/l	95
71) Bromoform	10.84	173	578	0.718	ug/l #	94
73) Isopropylbenzene	11.00	105	4010	0.940	ug/l	97
74) N-amyl acetate	10.88	43	1541	0.962	ug/l	93
75) 1,1,2,2-Tetrachloroethane	11.25	83	1330	0.957	ug/l	97
76) 1,2,3-Trichloropropane	11.28	75	1303m	1.018	ug/l	
77) Bromobenzene	11.24	156	949	0.918	ug/l	88
78) n-propylbenzene	11.34	91	4677	0.959	ug/l	97
79) 2-Chlorotoluene	11.40	91	2815	0.989	ug/l	96
80) 1,3,5-Trimethylbenzene	11.49	105	3166	0.889	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	448m	0.882	ug/l	
82) 4-Chlorotoluene	11.49	91	3364	0.983	ug/l	95
83) tert-Butylbenzene	11.76	119	3181	0.895	ug/l	95
84) 1,2,4-Trimethylbenzene	11.79	105	3230	0.908	ug/l	98
85) sec-Butylbenzene	11.93	105	3795	0.908	ug/l	98
86) p-Isopropyltoluene	12.05	119	3285	0.859	ug/l	90
87) 1,3-Dichlorobenzene	12.01	146	1730	0.891	ug/l	94
88) 1,4-Dichlorobenzene	12.08	146	1956m	0.970	ug/l	
89) n-Butylbenzene	12.37	91	3408	0.978	ug/l	94
90) Hexachloroethane	12.58	117	509	0.816	ug/l	88
91) 1,2-Dichlorobenzene	12.38	146	1787	0.958	ug/l	95
92) 1,2-Dibromo-3-Chloropropan	12.98	75	331	1.047	ug/l	68

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	1225	0.948	ug/l	92
94) Hexachlorobutadiene	13.76	225	491	0.914	ug/l	96
95) Naphthalene	13.82	128	4041	0.918	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	1049	0.839	ug/l	94

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

