

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX102220\
 Data File : VX019019.D
 Acq On : 22 Oct 2020 12:16
 Operator : JC/SP
 Sample : L4214-07 2.5PPB LOD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

MMDadoda
 10/23/2020 12:05:17 PM

Quant Time: Oct 23 10:15:11 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	5.63	168	230771	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	384742	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	354060	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	168070	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	140270	50.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.48%	
35) Dibromofluoromethane	5.46	113	118209	48.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.06%	
50) Toluene-d8	8.70	98	459009	49.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.76%	
62) 4-Bromofluorobenzene	11.12	95	158873	48.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.10%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.18	85	4760	2.071	ug/l	99
3) Chloromethane	1.31	50	5314	2.325	ug/l	97
4) Vinyl Chloride	1.39	62	6150	2.281	ug/l	96
5) Bromomethane	1.64	94	8708	3.163	ug/l	93
6) Chloroethane	1.72	64	4610	2.738	ug/l	93
7) Trichlorofluoromethane	1.92	101	10459	2.295	ug/l	100
8) Diethyl Ether	2.17	74	4341	2.433	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.37	101	5353	2.479	ug/l	93
10) Methyl Iodide	2.50	142	4434	1.629	ug/l	99
11) Tert butyl alcohol	3.03	59	7075	12.637	ug/l	97
12) 1,1-Dichloroethene	2.36	96	5186	2.309	ug/l	96
13) Acrolein	2.28	56	3235	14.584	ug/l	88
14) Allyl chloride	2.71	41	6707	2.308	ug/l	99
15) Acrylonitrile	3.12	53	12789	11.813	ug/l	99
16) Acetone	2.42	43	12475	13.250	ug/l	90
17) Carbon Disulfide	2.55	76	14301	2.208	ug/l	98
18) Methyl Acetate	2.75	43	5658	2.422	ug/l	99
19) Methyl tert-butyl Ether	3.16	73	16660	2.342	ug/l	98
20) Methylene Chloride	2.84	84	6336	2.417	ug/l	94
21) trans-1,2-Dichloroethene	3.14	96	5881	2.244	ug/l	96
22) Diisopropyl ether	3.82	45	13800	2.408	ug/l	92
23) Vinyl Acetate	3.79	43	61317	11.270	ug/l	99
24) 1,1-Dichloroethane	3.67	63	9926	2.379	ug/l	99
25) 2-Butanone	4.64	43	18027	12.117	ug/l	97
26) 2,2-Dichloropropane	4.55	77	9093	2.360	ug/l	98
27) cis-1,2-Dichloroethene	4.57	96	6937	2.332	ug/l	99
28) Bromochloromethane	4.98	49	4428	2.499	ug/l	96
29) Tetrahydrofuran	5.10	42	10169	11.436	ug/l	98
30) Chloroform	5.17	83	10963	2.420	ug/l	94
31) Cyclohexane	5.55	56	7531	2.326	ug/l	96
32) 1,1,1-Trichloroethane	5.46	97	9338	2.273	ug/l	97
36) 1,1-Dichloropropene	5.77	75	8312	2.408	ug/l	98
37) Ethyl Acetate	4.79	43	7125	2.418	ug/l	98
38) Carbon Tetrachloride	5.76	117	8334	2.300	ug/l	95

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	8914	2.305	ug/l	94
40) Benzene	6.11	78	23652	2.326	ug/l	99
41) Methacrylonitrile	5.01	41	4254	2.688	ug/l #	86
42) 1,2-Dichloroethane	6.17	62	8704	2.508	ug/l	100
43) Isopropyl Acetate	6.41	43	11844	2.373	ug/l	100
44) Trichloroethene	7.19	130	7060	2.381	ug/l	94
45) 1,2-Dichloropropane	7.49	63	5566	2.282	ug/l	99
46) Dibromomethane	7.63	93	4304	2.317	ug/l	97
47) Bromodichloromethane	7.88	83	8064	2.214	ug/l	96
48) Methyl methacrylate	7.74	41	5607	2.280	ug/l	95
49) 1,4-Dioxane	7.74	88	2543	45.773	ug/l	94
51) 4-Methyl-2-Pentanone	8.62	43	33880	11.522	ug/l	100
52) Toluene	8.77	92	15490	2.307	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	8710	2.118	ug/l	100
54) cis-1,3-Dichloropropene	8.42	75	9471	2.181	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	6079	2.221	ug/l	96
56) Ethyl methacrylate	9.16	69	8809	2.237	ug/l	95
57) 1,3-Dichloropropane	9.35	76	10038	2.310	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.29	63	23228	11.227	ug/l	99
59) 2-Hexanone	9.48	43	26232	11.971	ug/l	96
60) Dibromochloromethane	9.57	129	6230	2.088	ug/l	99
61) 1,2-Dibromoethane	9.65	107	6532	2.230	ug/l	98
64) Tetrachloroethene	9.32	164	6669	2.474	ug/l	86
65) Chlorobenzene	10.12	112	16993	2.288	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	5783	2.190	ug/l	94
67) Ethyl Benzene	10.24	91	28997	2.265	ug/l	99
68) m/p-Xylenes	10.34	106	21911	4.468	ug/l	100
69) o-Xylene	10.68	106	10833	2.308	ug/l	92
70) Styrene	10.70	104	17192	2.158	ug/l	99
71) Bromoform	10.84	173	4476	2.100	ug/l #	99
73) Isopropylbenzene	11.00	105	27774	2.297	ug/l	99
74) N-amyl acetate	10.88	43	9437	2.436	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.25	83	9025	2.478	ug/l	98
76) 1,2,3-Trichloropropane	11.28	75	8462m	2.519	ug/l	
77) Bromobenzene	11.24	156	7157	2.344	ug/l	97
78) n-propylbenzene	11.34	91	31617	2.308	ug/l	98
79) 2-Chlorotoluene	11.40	91	19100	2.390	ug/l	97
80) 1,3,5-Trimethylbenzene	11.49	105	22445	2.248	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.05	75	2902	2.201	ug/l	91
82) 4-Chlorotoluene	11.49	91	22062	2.320	ug/l	98
83) tert-Butylbenzene	11.76	119	22353	2.273	ug/l	97
84) 1,2,4-Trimethylbenzene	11.79	105	23119	2.312	ug/l	100
85) sec-Butylbenzene	11.93	105	26698	2.243	ug/l	99
86) p-Isopropyltoluene	12.05	119	25420	2.337	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	12904	2.304	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	13867	2.412	ug/l	89
89) n-Butylbenzene	12.37	91	22248	2.235	ug/l	99
90) Hexachloroethane	12.58	117	3452	2.073	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	12568	2.407	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	1997	2.408	ug/l	85

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	7663	2.006	ug/l	89
94) Hexachlorobutadiene	13.76	225	3948	2.229	ug/l	98
95) Naphthalene	13.82	128	25379	2.111	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	7576	2.037	ug/l	93

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

