

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX030420\
 Data File : VX015090.D
 Acq On : 04 Mar 2020 16:19
 Operator : JC/SP
 Sample : L1161-07 0.5PPB LOD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2020

Manual Integrations
 APPROVED

MMDadoda
 3/5/2020 3:54:05 PM

Quant Time: Mar 05 12:28:09 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X030420W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 05 07:49:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	377921	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	594882	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	537600	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	259003	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	217960	48.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.22%	
35) Dibromofluoromethane	5.49	113	173691	46.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.56%	
50) Toluene-d8	8.71	98	663812	46.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.00%	
62) 4-Bromofluorobenzene	11.13	95	223655	43.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.84%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	2173	0.657	ug/l	100
3) Chloromethane	1.32	50	3059	0.653	ug/l	96
4) Vinyl Chloride	1.40	62	2786	0.586	ug/l #	73
6) Chloroethane	1.73	64	1869	0.655	ug/l	96
7) Trichlorofluoromethane	1.92	101	3057	0.540	ug/l	87
8) Diethyl Ether	2.19	74	1443	0.563	ug/l	81
9) 1,1,2-Trichlorotrifluoroet	2.38	101	2140	0.601	ug/l #	87
12) 1,1-Dichloroethene	2.37	96	2128	0.579	ug/l #	74
14) Allyl chloride	2.72	41	4478	0.699	ug/l	95
15) Acrylonitrile	3.14	53	5993	3.094	ug/l	92
16) Acetone	2.44	43	6263	3.449	ug/l #	81
17) Carbon Disulfide	2.56	76	7834	0.768	ug/l	98
18) Methyl Acetate	2.77	43	2722	0.613	ug/l #	81
19) Methyl tert-butyl Ether	3.18	73	6534	0.569	ug/l #	78
20) Methylene Chloride	2.84	84	2868	0.675	ug/l #	72
21) trans-1,2-Dichloroethene	3.16	96	2944	0.751	ug/l	88
22) Diisopropyl ether	3.84	45	6631	0.520	ug/l #	83
23) Vinyl Acetate	3.81	43	25719	2.452	ug/l #	91
24) 1,1-Dichloroethane	3.69	63	4685	0.662	ug/l #	83
25) 2-Butanone	4.68	43	7533	2.834	ug/l	90
26) 2,2-Dichloropropane	4.58	77	3165m	0.563	ug/l	
27) cis-1,2-Dichloroethene	4.59	96	2984	0.678	ug/l	94
28) Bromochloromethane	5.01	49	2123	0.658	ug/l #	64
29) Tetrahydrofuran	5.13	42	3954	2.307	ug/l #	85
30) Chloroform	5.21	83	4521	0.655	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	3369m	0.589	ug/l	
36) 1,1-Dichloropropene	5.79	75	3988	0.725	ug/l #	78
37) Ethyl Acetate	4.83	43	2760	0.541	ug/l #	88
38) Carbon Tetrachloride	5.78	117	2585	0.498	ug/l	88
39) Methylcyclohexane	7.46	83	3579	0.557	ug/l #	86
40) Benzene	6.14	78	8481	0.520	ug/l	100
42) 1,2-Dichloroethane	6.19	62	3715	0.663	ug/l	88
43) Isopropyl Acetate	6.44	43	4371	0.487	ug/l #	96
44) Trichloroethene	7.21	130	3384	0.745	ug/l	90

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

45) 1,2-Dichloropropane	7.51	63	2262	0.536	ug/l	96
46) Dibromomethane	7.66	93	1656	0.602	ug/l	86
47) Bromodichloromethane	7.90	83	2944	0.541	ug/l #	99
48) Methyl methacrylate	7.77	41	1859	0.407	ug/l #	89
51) 4-Methyl-2-Pentanone	8.64	43	12764	2.406	ug/l	95
52) Toluene	8.78	92	5385	0.540	ug/l	88
53) t-1,3-Dichloropropene	9.04	75	2681	0.463	ug/l	95
54) cis-1,3-Dichloropropene	8.43	75	3202	0.489	ug/l #	89
55) 1,1,2-Trichloroethane	9.21	97	2265	0.552	ug/l #	82
56) Ethyl methacrylate	9.18	69	2726	0.465	ug/l #	86
57) 1,3-Dichloropropane	9.37	76	4269	0.618	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	7272	2.279	ug/l	96
59) 2-Hexanone	9.49	43	8228	2.092	ug/l	87
60) Dibromochloromethane	9.58	129	2549	0.591	ug/l	97
61) 1,2-Dibromoethane	9.67	107	2555	0.592	ug/l	96
64) Tetrachloroethene	9.33	164	2870	0.646	ug/l	84
65) Chlorobenzene	10.14	112	6109	0.566	ug/l	91
66) 1,1,1,2-Tetrachloroethane	10.22	131	2116	0.520	ug/l #	63
67) Ethyl Benzene	10.25	91	9358	0.511	ug/l	96
68) m/p-Xylenes	10.36	106	7396	1.061	ug/l	96
69) o-Xylene	10.69	106	3118	0.467	ug/l	93
70) Styrene	10.71	104	5612	0.490	ug/l	90
71) Bromoform	10.85	173	1620	0.513	ug/l #	74
73) Isopropylbenzene	11.01	105	8311	0.502	ug/l	91
74) N-amyl acetate	10.89	43	3481	0.499	ug/l #	83
75) 1,1,2,2-Tetrachloroethane	11.26	83	3171	0.575	ug/l #	92
76) 1,2,3-Trichloropropane	11.29	75	3267m	0.632	ug/l	
77) Bromobenzene	11.25	156	3316	0.719	ug/l	86
78) n-propylbenzene	11.35	91	10635	0.563	ug/l	95
79) 2-Chlorotoluene	11.42	91	6837	0.606	ug/l	96
80) 1,3,5-Trimethylbenzene	11.50	105	6564	0.477	ug/l	85
82) 4-Chlorotoluene	11.51	91	8532	0.640	ug/l	95
83) tert-Butylbenzene	11.77	119	6958	0.522	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	7759	0.561	ug/l	97
85) sec-Butylbenzene	11.94	105	8108	0.504	ug/l	92
86) p-Isopropyltoluene	12.06	119	7086	0.478	ug/l #	77
87) 1,3-Dichlorobenzene	12.02	146	5484	0.677	ug/l	97
88) 1,4-Dichlorobenzene	12.09	146	6470m	0.773	ug/l	
89) n-Butylbenzene	12.39	91	7122	0.541	ug/l	89
90) Hexachloroethane	12.59	117	1607	0.574	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	5321	0.660	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	12.99	75	662	0.600	ug/l	69
93) 1,2,4-Trichlorobenzene	13.64	180	4413	0.789	ug/l	87
94) Hexachlorobutadiene	13.78	225	2109	0.735	ug/l	93
95) Naphthalene	13.83	128	8383	0.548	ug/l #	92
96) 1,2,3-Trichlorobenzene	14.01	180	3626	0.650	ug/l	98

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

