

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX050520\
 Data File : VX016055.D
 Acq On : 05 May 2020 11:56
 Operator : JC/SP
 Sample : L2182-07 0.5PPB LOD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2020

Manual Integrations
 APPROVED

MMDadoda
 5/6/2020 12:27:10 PM

Quant Time: May 06 06:32:30 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X050420W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 06 06:20:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	306921	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	482905	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	444020	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	214807	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	196613	48.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.36%	
35) Dibromofluoromethane	5.47	113	146049	47.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.48%	
50) Toluene-d8	8.70	98	585530	49.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.34%	
62) 4-Bromofluorobenzene	11.12	95	210259	46.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.78%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	1592	0.490	ug/l	95
3) Chloromethane	1.32	50	2101	0.557	ug/l	97
4) Vinyl Chloride	1.39	62	2094	0.520	ug/l	93
5) Bromomethane	1.64	94	1766	0.870	ug/l	97
6) Chloroethane	1.71	64	1308	0.534	ug/l	93
7) Trichlorofluoromethane	1.92	101	2537	0.480	ug/l	96
8) Diethyl Ether	2.17	74	1441	0.647	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	1500	0.492	ug/l	92
10) Methyl Iodide	2.49	142	1823	0.445	ug/l	96
11) Tert butyl alcohol	3.01	59	2343	2.294	ug/l #	78
12) 1,1-Dichloroethene	2.36	96	1596	0.500	ug/l #	82
13) Acrolein	2.28	56	1760	2.754	ug/l #	73
14) Allyl chloride	2.71	41	2718	0.465	ug/l	99
15) Acrylonitrile	3.12	53	4995	2.358	ug/l	99
16) Acetone	2.42	43	4679	2.596	ug/l #	86
17) Carbon Disulfide	2.55	76	7390	0.680	ug/l	98
18) Methyl Acetate	2.75	43	2286	0.516	ug/l #	87
19) Methyl tert-butyl Ether	3.17	73	4853	0.441	ug/l #	86
20) Methylene Chloride	2.84	84	2028	0.546	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	2221	0.625	ug/l #	72
22) Diisopropyl ether	3.82	45	4970	0.450	ug/l #	93
23) Vinyl Acetate	3.79	43	19415	2.000	ug/l	97
24) 1,1-Dichloroethane	3.67	63	2790	0.452	ug/l #	87
25) 2-Butanone	4.65	43	6484	2.233	ug/l	99
26) 2,2-Dichloropropane	4.55	77	2675	0.474	ug/l	98
27) cis-1,2-Dichloroethene	4.57	96	2016	0.519	ug/l	93
28) Bromochloromethane	4.99	49	1539	0.547	ug/l #	92
29) Tetrahydrofuran	5.10	42	4318	2.244	ug/l	96
30) Chloroform	5.18	83	3111	0.506	ug/l	97
31) Cyclohexane	5.55	56	2641	0.471	ug/l #	94
32) 1,1,1-Trichloroethane	5.47	97	2392	0.428	ug/l #	47
36) 1,1-Dichloropropene	5.78	75	2679	0.564	ug/l	94
37) Ethyl Acetate	4.80	43	2640	0.479	ug/l #	90
38) Carbon Tetrachloride	5.76	117	2382	0.493	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	2773	0.484	ug/l	89
40) Benzene	6.12	78	6873	0.494	ug/l	98
41) Methacrylonitrile	5.01	41	1728	0.581	ug/l #	95
42) 1,2-Dichloroethane	6.17	62	2850	0.569	ug/l	95
43) Isopropyl Acetate	6.42	43	4672	0.531	ug/l	96
44) Trichloroethene	7.19	130	2608	0.528	ug/l	94
45) 1,2-Dichloropropane	7.49	63	1694	0.481	ug/l	97
46) Dibromomethane	7.65	93	1162	0.486	ug/l	93
47) Bromodichloromethane	7.88	83	2055	0.422	ug/l #	86
48) Methyl methacrylate	7.74	41	2163	0.519	ug/l	84
49) 1,4-Dioxane	7.72	88	906	9.069	ug/l	96
51) 4-Methyl-2-Pentanone	8.62	43	10860	2.019	ug/l	100
52) Toluene	8.76	92	4030	0.465	ug/l	98
53) t-1,3-Dichloropropene	9.02	75	2834	0.488	ug/l	94
54) cis-1,3-Dichloropropene	8.42	75	2813	0.464	ug/l #	90
55) 1,1,2-Trichloroethane	9.20	97	1485	0.435	ug/l #	93
56) Ethyl methacrylate	9.16	69	2344	0.421	ug/l	99
57) 1,3-Dichloropropane	9.35	76	2711	0.456	ug/l #	72
58) 2-Chloroethyl Vinyl ether	8.29	63	6467	2.182	ug/l	99
59) 2-Hexanone	9.48	43	8779	2.078	ug/l	94
60) Dibromochloromethane	9.57	129	1508	0.401	ug/l	99
61) 1,2-Dibromoethane	9.65	107	1606	0.435	ug/l	96
64) Tetrachloroethene	9.32	164	2713	0.498	ug/l	90
65) Chlorobenzene	10.12	112	4239	0.456	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	1455	0.423	ug/l #	48
67) Ethyl Benzene	10.24	91	7683	0.463	ug/l	93
68) m/p-Xylenes	10.34	106	5610	0.903	ug/l	98
69) o-Xylene	10.68	106	2574	0.431	ug/l	98
70) Styrene	10.70	104	4161	0.411	ug/l #	90
71) Bromoform	10.84	173	1046	0.374	ug/l #	92
73) Isopropylbenzene	11.01	105	6808	0.436	ug/l	98
74) N-amyl acetate	10.88	43	3018	0.414	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.26	83	1098	0.398	ug/l	95
76) 1,2,3-Trichloropropane	11.28	75	2178m	0.447	ug/l	
77) Bromobenzene	11.24	156	1906	0.473	ug/l	93
78) n-propylbenzene	11.34	91	8479	0.466	ug/l	100
79) 2-Chlorotoluene	11.40	91	5213	0.486	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	5855	0.444	ug/l	96
81) trans-1,4-Dichloro-2-buten	11.06	75	803m	0.393	ug/l	
82) 4-Chlorotoluene	11.49	91	6023	0.475	ug/l	97
83) tert-Butylbenzene	11.76	119	4723	0.415	ug/l	94
84) 1,2,4-Trimethylbenzene	11.79	105	5696	0.427	ug/l	98
85) sec-Butylbenzene	11.93	105	6713	0.437	ug/l	97
86) p-Isopropyltoluene	12.05	119	6343	0.445	ug/l	88
87) 1,3-Dichlorobenzene	12.01	146	3869	0.534	ug/l	95
88) 1,4-Dichlorobenzene	12.08	146	4139m	0.563	ug/l	
89) n-Butylbenzene	12.37	91	5884	0.452	ug/l	97
90) Hexachloroethane	12.58	117	832	0.340	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	3376	0.484	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	755	0.588	ug/l	67

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	2690	0.521	ug/l	96
94) Hexachlorobutadiene	13.77	225	1272	0.533	ug/l	96
95) Naphthalene	13.82	128	7476	0.447	ug/l	98
96) 1,2,3-Trichlorobenzene	14.01	180	2560	0.507	ug/l	96

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

