

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX050520\
 Data File : VX016056.D
 Acq On : 05 May 2020 12:18
 Operator : JC/SP
 Sample : L2182-07 0.75PPB LOD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

MMDadoda
 5/6/2020 12:27:14 PM

Quant Time: May 06 06:35:45 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	5.63	168	310338	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	498086	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	449720	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	220852	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.04	65	190578	46.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.34%	
35) Dibromofluoromethane	5.47	113	141463	44.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.66%	
50) Toluene-d8	8.70	98	561364	46.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.34%	
62) 4-Bromofluorobenzene	11.12	95	202705	43.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.66%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.18	85	1616	0.492	ug/l	95
3) Chloromethane	1.31	50	2355	0.617	ug/l	95
4) Vinyl Chloride	1.39	62	2076	0.510	ug/l	95
5) Bromomethane	1.63	94	2019	0.984	ug/l	94
6) Chloroethane	1.71	64	1463	0.591	ug/l	95
7) Trichlorofluoromethane	1.92	101	2679	0.501	ug/l #	82
8) Diethyl Ether	2.17	74	1575	0.700	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	1507	0.489	ug/l #	86
10) Methyl Iodide	2.50	142	1733	0.419	ug/l #	97
11) Tert butyl alcohol	3.01	59	2865	2.774	ug/l #	92
12) 1,1-Dichloroethene	2.36	96	1877	0.582	ug/l	93
13) Acrolein	2.27	56	2067	3.199	ug/l	91
14) Allyl chloride	2.71	41	3245	0.549	ug/l	98
15) Acrylonitrile	3.12	53	5496	2.565	ug/l	97
16) Acetone	2.42	43	6414	3.520	ug/l	100
17) Carbon Disulfide	2.55	76	7334	0.668	ug/l #	92
18) Methyl Acetate	2.75	43	2447	0.546	ug/l #	84
19) Methyl tert-butyl Ether	3.17	73	5501	0.495	ug/l	95
20) Methylene Chloride	2.84	84	2403	0.640	ug/l	96
21) trans-1,2-Dichloroethene	3.15	96	2588	0.720	ug/l #	72
22) Diisopropyl ether	3.82	45	6162	0.552	ug/l #	94
23) Vinyl Acetate	3.79	43	21489	2.189	ug/l	95
24) 1,1-Dichloroethane	3.67	63	3345	0.536	ug/l	97
25) 2-Butanone	4.64	43	7589	2.585	ug/l	97
26) 2,2-Dichloropropane	4.55	77	3108	0.545	ug/l	97
27) cis-1,2-Dichloroethene	4.57	96	2077	0.528	ug/l	97
28) Bromochloromethane	4.99	49	1816	0.638	ug/l #	89
29) Tetrahydrofuran	5.10	42	4708	2.420	ug/l	95
30) Chloroform	5.19	83	3317	0.534	ug/l	91
31) Cyclohexane	5.54	56	2988	0.527	ug/l	93
32) 1,1,1-Trichloroethane	5.47	97	3021	0.535	ug/l #	50
36) 1,1-Dichloropropene	5.78	75	2747	0.560	ug/l	92
37) Ethyl Acetate	4.81	43	3375	0.594	ug/l #	93
38) Carbon Tetrachloride	5.76	117	2664	0.535	ug/l	86

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	2778	0.470	ug/l	95
40) Benzene	6.12	78	7790	0.543	ug/l	95
41) Methacrylonitrile	5.00	41	1583	0.516	ug/l #	80
42) 1,2-Dichloroethane	6.17	62	3068	0.594	ug/l	99
43) Isopropyl Acetate	6.42	43	4570	0.504	ug/l	98
44) Trichloroethene	7.19	130	2771	0.544	ug/l	92
45) 1,2-Dichloropropane	7.49	63	1974	0.544	ug/l #	84
46) Dibromomethane	7.65	93	1331	0.540	ug/l	96
47) Bromodichloromethane	7.88	83	2423	0.482	ug/l #	81
48) Methyl methacrylate	7.75	41	1856	0.432	ug/l #	87
49) 1,4-Dioxane	7.72	88	1050	10.190	ug/l #	85
51) 4-Methyl-2-Pentanone	8.62	43	12592	2.269	ug/l	99
52) Toluene	8.77	92	4369	0.489	ug/l	92
53) t-1,3-Dichloropropene	9.02	75	3207	0.535	ug/l	90
54) cis-1,3-Dichloropropene	8.41	75	3023	0.483	ug/l	100
55) 1,1,2-Trichloroethane	9.20	97	1752	0.498	ug/l	98
56) Ethyl methacrylate	9.16	69	2526	0.440	ug/l #	78
57) 1,3-Dichloropropane	9.35	76	3211	0.523	ug/l	96
58) 2-Chloroethyl Vinyl ether	8.29	63	6774	2.216	ug/l	96
59) 2-Hexanone	9.48	43	9489	2.178	ug/l	99
60) Dibromochloromethane	9.57	129	1712	0.442	ug/l	97
61) 1,2-Dibromoethane	9.65	107	1737	0.456	ug/l	94
64) Tetrachloroethene	9.32	164	2975	0.539	ug/l	94
65) Chlorobenzene	10.12	112	4847	0.515	ug/l	95
66) 1,1,1,2-Tetrachloroethane	10.20	131	1766	0.507	ug/l #	57
67) Ethyl Benzene	10.24	91	8306	0.494	ug/l	92
68) m/p-Xylenes	10.34	106	6223	0.989	ug/l	99
69) o-Xylene	10.68	106	2911	0.481	ug/l	98
70) Styrene	10.70	104	4731	0.461	ug/l	92
71) Bromoform	10.84	173	1214	0.428	ug/l #	100
73) Isopropylbenzene	11.01	105	7890	0.491	ug/l	98
74) N-amyl acetate	10.88	43	3913	0.522	ug/l	91
75) 1,1,2,2-Tetrachloroethane	11.26	83	1225	0.432	ug/l	92
76) 1,2,3-Trichloropropane	11.28	75	3465m	0.691	ug/l	
77) Bromobenzene	11.24	156	2286	0.551	ug/l	96
78) n-propylbenzene	11.34	91	9041	0.484	ug/l	100
79) 2-Chlorotoluene	11.41	91	5727	0.519	ug/l	97
80) 1,3,5-Trimethylbenzene	11.49	105	6390	0.471	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.06	75	1108m	0.527	ug/l	
82) 4-Chlorotoluene	11.49	91	6922	0.531	ug/l	96
83) tert-Butylbenzene	11.76	119	5716	0.489	ug/l	97
84) 1,2,4-Trimethylbenzene	11.79	105	6247	0.456	ug/l	94
85) sec-Butylbenzene	11.93	105	7261	0.460	ug/l	94
86) p-Isopropyltoluene	12.05	119	6930	0.473	ug/l	88
87) 1,3-Dichlorobenzene	12.01	146	4089	0.549	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	4222m	0.559	ug/l	
89) n-Butylbenzene	12.37	91	6556	0.490	ug/l	98
90) Hexachloroethane	12.58	117	1112	0.442	ug/l	87
91) 1,2-Dichlorobenzene	12.38	146	3570	0.498	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	12.98	75	674	0.510	ug/l	80

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	3001	0.565	ug/l	90
94) Hexachlorobutadiene	13.76	225	1241	0.506	ug/l	95
95) Naphthalene	13.82	128	8097	0.471	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	2515	0.485	ug/l	95

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

