

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX071320\
 Data File : VX017357.D
 Acq On : 13 Jul 2020 16:50
 Operator : JC/SP
 Sample : L3216-07 .75PPB LOD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2020

Manual Integrations
 APPROVED

MMDadoda
 7/14/2020 11:36:03 AM

Quant Time: Jul 14 03:38:53 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071320W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 14 03:17:30 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	313297	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	511536	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	475667	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	234955	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	199061	50.62	ug/l	0.00
Spiked Amount			Recovery	=	101.24%	
35) Dibromofluoromethane	5.46	113	162657	47.20	ug/l	0.00
Spiked Amount			Recovery	=	94.40%	
50) Toluene-d8	8.70	98	582497	46.86	ug/l	0.00
Spiked Amount			Recovery	=	93.72%	
62) 4-Bromofluorobenzene	11.12	95	214123	43.37	ug/l	0.00
Spiked Amount			Recovery	=	86.74%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	2219	0.837	ug/l	84
3) Chloromethane	1.31	50	2907	0.974	ug/l	90
4) Vinyl Chloride	1.39	62	2453	0.831	ug/l	91
5) Bromomethane	1.64	94	2298	1.196	ug/l	83
6) Chloroethane	1.72	64	1611	0.864	ug/l #	84
7) Trichlorofluoromethane	1.92	101	3777	0.758	ug/l	88
8) Diethyl Ether	2.17	74	1762	1.000	ug/l	85
9) 1,1,2-Trichlorotrifluoroet	2.37	101	2600	0.916	ug/l	88
10) Methyl Iodide	2.49	142	2399	0.697	ug/l	92
11) Tert butyl alcohol	3.02	59	2840	4.287	ug/l #	83
12) 1,1-Dichloroethene	2.36	96	2610	0.915	ug/l	85
13) Acrolein	2.28	56	1435	3.951	ug/l #	60
14) Allyl chloride	2.71	41	4160	0.842	ug/l	89
15) Acrylonitrile	3.12	53	7618	4.743	ug/l	94
16) Acetone	2.42	43	6377	4.546	ug/l	97
17) Carbon Disulfide	2.55	76	8419	1.012	ug/l	98
18) Methyl Acetate	2.76	43	3347	0.966	ug/l	94
19) Methyl tert-butyl Ether	3.17	73	7757	0.801	ug/l	99
20) Methylene Chloride	2.84	84	4078	1.191	ug/l	97
21) trans-1,2-Dichloroethene	3.15	96	2966	0.909	ug/l	99
22) Diisopropyl ether	3.83	45	7924	0.842	ug/l #	89
23) Vinyl Acetate	3.79	43	29859	3.608	ug/l	99
24) 1,1-Dichloroethane	3.67	63	4552	0.823	ug/l #	93
25) 2-Butanone	4.65	43	9785	4.392	ug/l #	89
26) 2,2-Dichloropropane	4.55	77	4134	0.803	ug/l	96
27) cis-1,2-Dichloroethene	4.56	96	3436	0.961	ug/l	97
28) Bromochloromethane	4.99	49	2476	0.969	ug/l #	93
29) Tetrahydrofuran	5.10	42	6255	4.337	ug/l	93
30) Chloroform	5.17	83	5481	0.921	ug/l #	70
31) Cyclohexane	5.55	56	3677	0.812	ug/l #	86
32) 1,1,1-Trichloroethane	5.46	97	4627	0.841	ug/l #	43
36) 1,1-Dichloropropene	5.77	75	3927	0.835	ug/l #	67
37) Ethyl Acetate	4.81	43	3644	0.749	ug/l	98
38) Carbon Tetrachloride	5.76	117	3918	0.711	ug/l	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	4061	0.795	ug/l	95
40) Benzene	6.11	78	10548	0.780	ug/l	99
41) Methacrylonitrile	5.01	41	2493	0.954	ug/l #	72
42) 1,2-Dichloroethane	6.17	62	4602	0.876	ug/l	96
43) Isopropyl Acetate	6.41	43	6344	0.816	ug/l	96
44) Trichloroethene	7.19	130	3436	0.832	ug/l	95
45) 1,2-Dichloropropane	7.49	63	2997	0.866	ug/l	93
46) Dibromomethane	7.63	93	2196	0.880	ug/l	88
47) Bromodichloromethane	7.88	83	3894	0.746	ug/l #	85
48) Methyl methacrylate	7.74	41	2713	0.727	ug/l	99
49) 1,4-Dioxane	7.71	88	1201	15.729	ug/l	93
51) 4-Methyl-2-Pentanone	8.62	43	16447	3.469	ug/l	93
52) Toluene	8.76	92	7195	0.829	ug/l	90
53) t-1,3-Dichloropropene	9.02	75	4281	0.762	ug/l #	89
54) cis-1,3-Dichloropropene	8.42	75	4454	0.743	ug/l	96
55) 1,1,2-Trichloroethane	9.20	97	2967	0.820	ug/l	97
56) Ethyl methacrylate	9.16	69	3018	0.587	ug/l #	70
57) 1,3-Dichloropropane	9.35	76	4743	0.788	ug/l	89
58) 2-Chloroethyl Vinyl ether	8.29	63	8770	3.362	ug/l	97
59) 2-Hexanone	9.48	43	11774	3.290	ug/l	96
60) Dibromochloromethane	9.57	129	3175	0.718	ug/l	95
61) 1,2-Dibromoethane	9.65	107	2974	0.756	ug/l	97
64) Tetrachloroethene	9.32	164	3788	0.920	ug/l	92
65) Chlorobenzene	10.12	112	7825	0.809	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	2906	0.755	ug/l #	66
67) Ethyl Benzene	10.24	91	12451	0.774	ug/l	99
68) m/p-Xylenes	10.34	106	8667	1.416	ug/l	97
69) o-Xylene	10.68	106	4453	0.761	ug/l	94
70) Styrene	10.70	104	6444	0.642	ug/l	95
71) Bromoform	10.84	173	2317	0.713	ug/l #	99
73) Isopropylbenzene	11.00	105	9887	0.671	ug/l	98
74) N-amyl acetate	10.88	43	4390	0.745	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.25	83	4144	0.927	ug/l	93
76) 1,2,3-Trichloropropane	11.28	75	3581m	0.825	ug/l	
77) Bromobenzene	11.24	156	3539	0.844	ug/l	94
78) n-propylbenzene	11.34	91	12913	0.781	ug/l	99
79) 2-Chlorotoluene	11.40	91	8320	0.816	ug/l	96
80) 1,3,5-Trimethylbenzene	11.49	105	8916	0.713	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.05	75	1320m	0.771	ug/l	
82) 4-Chlorotoluene	11.49	91	9175	0.759	ug/l	92
83) tert-Butylbenzene	11.75	119	8852	0.732	ug/l	97
84) 1,2,4-Trimethylbenzene	11.79	105	8363	0.662	ug/l	99
85) sec-Butylbenzene	11.93	105	9121	0.645	ug/l	95
86) p-Isopropyltoluene	12.05	119	9106	0.680	ug/l	87
87) 1,3-Dichlorobenzene	12.01	146	6644	0.885	ug/l	97
88) 1,4-Dichlorobenzene	12.08	146	6658m	0.878	ug/l	
89) n-Butylbenzene	12.37	91	8928	0.782	ug/l	98
90) Hexachloroethane	12.58	117	1979	0.779	ug/l	85
91) 1,2-Dichlorobenzene	12.38	146	5532	0.784	ug/l	91
92) 1,2-Dibromo-3-Chloropropan	12.99	75	987	0.836	ug/l	91

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	4133	0.844	ug/l	90
94) Hexachlorobutadiene	13.76	225	1652	0.828	ug/l	84
95) Naphthalene	13.82	128	10298	0.715	ug/l	96
96) 1,2,3-Trichlorobenzene	14.01	180	3918	0.829	ug/l	95

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

