

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX102220\
 Data File : VX019018.D
 Acq On : 22 Oct 2020 11:53
 Operator : JC/SP
 Sample : L4214-07 .75PPB LOD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

MMDadoda
 10/23/2020 12:05:53 PM

Quant Time: Oct 23 10:17:37 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	5.64	168	239896	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	400806	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	368405	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	175372	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	147798	51.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.86%	
35) Dibromofluoromethane	5.47	113	125189	49.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.66%	
50) Toluene-d8	8.70	98	482518	49.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.66%	
62) 4-Bromofluorobenzene	11.12	95	165721	48.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.22%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	1280	0.536	ug/l	85
3) Chloromethane	1.31	50	1769	0.745	ug/l	92
4) Vinyl Chloride	1.39	62	1817	0.648	ug/l	90
5) Bromomethane	1.64	94	2705	0.945	ug/l	91
6) Chloroethane	1.72	64	1538	0.879	ug/l	92
7) Trichlorofluoromethane	1.92	101	2932	0.619	ug/l	99
8) Diethyl Ether	2.17	74	1341	0.723	ug/l	90
9) 1,1,2-Trichlorotrifluoroet	2.37	101	1439	0.641	ug/l	92
10) Methyl Iodide	2.50	142	1543	0.545	ug/l	98
11) Tert butyl alcohol	3.03	59	2493	4.284	ug/l	95
12) 1,1-Dichloroethene	2.36	96	1556	0.666	ug/l	96
13) Acrolein	2.28	56	1259	5.460	ug/l	86
14) Allyl chloride	2.71	41	1970	0.652	ug/l #	83
15) Acrylonitrile	3.12	53	3839	3.411	ug/l	97
16) Acetone	2.43	43	3876	3.960	ug/l	94
17) Carbon Disulfide	2.56	76	4771	0.708	ug/l	99
18) Methyl Acetate	2.76	43	1667	0.686	ug/l	96
19) Methyl tert-butyl Ether	3.17	73	4771	0.645	ug/l	98
20) Methylene Chloride	2.84	84	2118	0.777	ug/l	89
21) trans-1,2-Dichloroethene	3.15	96	1801	0.661	ug/l	91
22) Diisopropyl ether	3.82	45	3930	0.660	ug/l #	71
23) Vinyl Acetate	3.79	43	16995	3.005	ug/l	99
24) 1,1-Dichloroethane	3.67	63	2810	0.648	ug/l #	91
25) 2-Butanone	4.65	43	5282	3.415	ug/l	96
26) 2,2-Dichloropropane	4.56	77	2611	0.652	ug/l	94
27) cis-1,2-Dichloroethene	4.57	96	2219	0.718	ug/l	87
28) Bromochloromethane	4.98	49	1330	0.722	ug/l #	86
29) Tetrahydrofuran	5.10	42	3500	3.786	ug/l	89
30) Chloroform	5.18	83	3099	0.658	ug/l	98
31) Cyclohexane	5.54	56	2428m	0.722	ug/l	
32) 1,1,1-Trichloroethane	5.46	97	2544	0.596	ug/l #	46
36) 1,1-Dichloropropene	5.77	75	2644	0.735	ug/l	95
37) Ethyl Acetate	4.80	43	2183	0.711	ug/l #	90
38) Carbon Tetrachloride	5.76	117	2421	0.641	ug/l	87

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	2546	0.632	ug/l	91
40) Benzene	6.12	78	6837	0.645	ug/l	97
41) Methacrylonitrile	5.01	41	1413	0.857	ug/l	89
42) 1,2-Dichloroethane	6.16	62	2826	0.782	ug/l	92
43) Isopropyl Acetate	6.42	43	3781	0.727	ug/l	95
44) Trichloroethene	7.19	130	2057	0.666	ug/l	98
45) 1,2-Dichloropropane	7.49	63	1620	0.638	ug/l	95
46) Dibromomethane	7.63	93	1198	0.619	ug/l	94
47) Bromodichloromethane	7.87	83	2362	0.623	ug/l #	89
48) Methyl methacrylate	7.74	41	1871	0.730	ug/l #	83
49) 1,4-Dioxane	7.75	88	667	11.525	ug/l #	82
51) 4-Methyl-2-Pentanone	8.62	43	9313	3.040	ug/l	97
52) Toluene	8.76	92	4427	0.633	ug/l	97
53) t-1,3-Dichloropropene	9.02	75	2514	0.587	ug/l	90
54) cis-1,3-Dichloropropene	8.42	75	2695	0.596	ug/l	96
55) 1,1,2-Trichloroethane	9.20	97	1850	0.649	ug/l	92
56) Ethyl methacrylate	9.16	69	2471	0.602	ug/l #	81
57) 1,3-Dichloropropane	9.35	76	3056	0.675	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.29	63	6143	2.850	ug/l	97
59) 2-Hexanone	9.48	43	7238	3.171	ug/l	95
60) Dibromochloromethane	9.57	129	1802	0.580	ug/l	98
61) 1,2-Dibromoethane	9.65	107	1733	0.568	ug/l	92
64) Tetrachloroethene	9.32	164	2124	0.757	ug/l	92
65) Chlorobenzene	10.12	112	4972	0.643	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.20	131	1554	0.566	ug/l #	63
67) Ethyl Benzene	10.24	91	8209	0.616	ug/l	92
68) m/p-Xylenes	10.34	106	6245	1.224	ug/l	96
69) o-Xylene	10.68	106	2851	0.584	ug/l	96
70) Styrene	10.70	104	4870	0.587	ug/l	100
71) Bromoform	10.84	173	1178	0.531	ug/l #	99
73) Isopropylbenzene	11.00	105	7822	0.620	ug/l	100
74) N-amyl acetate	10.88	43	2677	0.662	ug/l	92
75) 1,1,2,2-Tetrachloroethane	11.26	83	2473	0.651	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	2338m	0.667	ug/l	
77) Bromobenzene	11.24	156	2178	0.684	ug/l	97
78) n-propylbenzene	11.34	91	9321	0.652	ug/l	99
79) 2-Chlorotoluene	11.40	91	5483	0.657	ug/l	97
80) 1,3,5-Trimethylbenzene	11.49	105	6589	0.632	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	744m	0.541	ug/l	
82) 4-Chlorotoluene	11.49	91	6550	0.660	ug/l	99
83) tert-Butylbenzene	11.76	119	6377	0.621	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	6432	0.617	ug/l	99
85) sec-Butylbenzene	11.93	105	7446	0.600	ug/l	99
86) p-Isopropyltoluene	12.05	119	6655	0.586	ug/l	88
87) 1,3-Dichlorobenzene	12.01	146	3760	0.643	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	4292m	0.716	ug/l	
89) n-Butylbenzene	12.37	91	6589	0.634	ug/l	99
90) Hexachloroethane	12.58	117	894	0.515	ug/l	91
91) 1,2-Dichlorobenzene	12.38	146	3812	0.700	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	12.98	75	531	0.614	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	2490	0.625	ug/l	93
94) Hexachlorobutadiene	13.76	225	1111	0.601	ug/l	95
95) Naphthalene	13.82	128	6882	0.549	ug/l	98
96) 1,2,3-Trichlorobenzene	14.00	180	2401	0.619	ug/l	99

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

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