Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX030420\
Data File : VX015089.D
Acq On : 04 Mar 2020 15:57
Operator : JC/SP
Sample : L1161-07 0.2PPB LOD
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

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

Manual Integrations APPROVED
MMDadoda
3/5/2020 3:54:01 PM

Quant Time: Mar 05 08:12:13 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X030420W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 04 14:19:10 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	5.65	168	370986	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.85	114	578419	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.11	117	522956	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	248377	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.05	65	229970	52.25	ug/l		0.00
Spiked Amount 50.000			Recovery = 104.50%				
35) Dibromofluoromethane	5.49	113	181672	49.79	ug/l		0.00
Spiked Amount 50.000			Recovery = 99.58%				
50) Toluene-d8	8.71	98	698181	50.30	ug/l		0.00
Spiked Amount 50.000			Recovery = 100.60%				
62) 4-Bromofluorobenzene	11.13	95	232553	46.97	ug/l		0.00
Spiked Amount 50.000			Recovery = 93.94%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.19	85	1032	0.318	ug/l		96
3) Chloromethane	1.32	50	1928	0.419	ug/l	#	70
4) Vinyl Chloride	1.40	62	1729	0.371	ug/l	#	86
5) Bromomethane	1.64	94	2495	0.870	ug/l		98
7) Trichlorofluoromethane	1.93	101	2150	0.387	ug/l		94
8) Diethyl Ether	2.18	74	587	0.233	ug/l		72
9) 1,1,2-Trichlorotrifluoroet	2.37	101	1623	0.465	ug/l		93
10) Methyl Iodide	2.51	142	3139	0.795	ug/l	#	90
11) Tert butyl alcohol	3.03	59	420m	0.550	ug/l		
12) 1,1-Dichloroethene	2.37	96	1007	0.279	ug/l	#	81
13) Acrolein	2.29	56	1365	1.902	ug/l	#	77
14) Allyl chloride	2.72	41	1536	0.244	ug/l	#	74
15) Acrylonitrile	3.14	53	2683	1.411	ug/l		96
16) Acetone	2.44	43	3443	1.932	ug/l		92
17) Carbon Disulfide	2.56	76	6605	0.660	ug/l		99
18) Methyl Acetate	2.77	43	1383	0.317	ug/l	#	90
20) Methylene Chloride	2.86	84	1507	0.361	ug/l	#	77
21) trans-1,2-Dichloroethene	3.16	96	2394	0.622	ug/l		89
22) Diisopropyl ether	3.85	45	2551	0.204	ug/l	#	59
23) Vinyl Acetate	3.82	43	8182	0.795	ug/l	#	92
24) 1,1-Dichloroethane	3.69	63	1749	0.252	ug/l	#	57
25) 2-Butanone	4.69	43	2386m	0.914	ug/l		
26) 2,2-Dichloropropane	4.58	77	1279m	0.232	ug/l		
27) cis-1,2-Dichloroethene	4.60	96	1291	0.299	ug/l		81
28) Bromochloromethane	5.01	49	1185m	0.374	ug/l		
29) Tetrahydrofuran	5.13	42	3028	1.800	ug/l	#	57
30) Chloroform	5.20	83	1938m	0.286	ug/l		
31) Cyclohexane	5.58	56	1734	0.280	ug/l	#	72
32) 1,1,1-Trichloroethane	5.48	97	1360	0.242	ug/l	#	42
36) 1,1-Dichloropropene	5.79	75	1708	0.319	ug/l	#	77
38) Carbon Tetrachloride	5.79	117	1383m	0.274	ug/l		
39) Methylcyclohexane	7.46	83	2222m	0.356	ug/l		
42) 1,2-Dichloroethane	6.19	62	1514	0.278	ug/l		89
44) Trichloroethene	7.21	130	1615	0.366	ug/l		74

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
46) Dibromomethane	7.66	93	1216	0.454 ug/l		87
47) Bromodichloromethane	7.89	83	1292	0.244 ug/l	#	93
48) Methyl methacrylate	7.78	41	1622	0.365 ug/l	#	42
51) 4-Methyl-2-Pentanone	8.64	43	3664	0.710 ug/l	#	66
52) Toluene	8.78	92	2562	0.264 ug/l		99
53) t-1,3-Dichloropropene	9.04	75	1682	0.299 ug/l		96
54) cis-1,3-Dichloropropene	8.43	75	1651	0.259 ug/l	#	79
55) 1,1,2-Trichloroethane	9.22	97	1308	0.328 ug/l	#	62
57) 1,3-Dichloropropane	9.37	76	1798m	0.268 ug/l		
58) 2-Chloroethyl Vinyl ether	8.31	63	2931m	0.945 ug/l		
59) 2-Hexanone	9.50	43	2861	0.748 ug/l		68
60) Dibromochloromethane	9.57	129	964m	0.230 ug/l		
61) 1,2-Dibromoethane	9.67	107	1286	0.307 ug/l		81
64) Tetrachloroethene	9.33	164	1730	0.400 ug/l	#	69
65) Chlorobenzene	10.14	112	3122	0.297 ug/l	#	83
66) 1,1,1,2-Tetrachloroethane	10.22	131	1194	0.302 ug/l	#	57
67) Ethyl Benzene	10.25	91	4165	0.234 ug/l		89
68) m/p-Xylenes	10.36	106	3421	0.504 ug/l		97
70) Styrene	10.71	104	2994	0.269 ug/l		94
71) Bromoform	10.86	173	718	0.234 ug/l	#	28
73) Isopropylbenzene	11.01	105	4159	0.262 ug/l		86
74) N-amyl acetate	10.90	43	1887	0.282 ug/l	#	78
75) 1,1,2,2-Tetrachloroethane	11.26	83	1865	0.353 ug/l	#	75
76) 1,2,3-Trichloropropane	11.29	75	1060m	0.214 ug/l		
77) Bromobenzene	11.25	156	1716	0.388 ug/l		82
78) n-propylbenzene	11.35	91	5037	0.278 ug/l		78
79) 2-Chlorotoluene	11.42	91	3113	0.288 ug/l		73
80) 1,3,5-Trimethylbenzene	11.50	105	3563	0.270 ug/l		99
81) trans-1,4-Dichloro-2-buten	11.06	75	444m	0.254 ug/l		
82) 4-Chlorotoluene	11.51	91	4300	0.336 ug/l		85
83) tert-Butylbenzene	11.77	119	3217	0.252 ug/l		88
84) 1,2,4-Trimethylbenzene	11.81	105	3940	0.297 ug/l		97
85) sec-Butylbenzene	11.94	105	4372	0.284 ug/l		100
86) p-Isopropyltoluene	12.06	119	4627	0.326 ug/l	#	66
87) 1,3-Dichlorobenzene	12.02	146	3599	0.463 ug/l		90
88) 1,4-Dichlorobenzene	12.09	146	4265m	0.531 ug/l		
89) n-Butylbenzene	12.39	91	5161	0.409 ug/l		94
90) Hexachloroethane	12.59	117	563	0.210 ug/l		61
91) 1,2-Dichlorobenzene	12.39	146	2574	0.333 ug/l		80
92) 1,2-Dibromo-3-Chloropropan	12.99	75	596m	0.563 ug/l		
93) 1,2,4-Trichlorobenzene	13.64	180	3655	0.681 ug/l		95
94) Hexachlorobutadiene	13.78	225	1639	0.595 ug/l		94
95) Naphthalene	13.83	128	6902	0.471 ug/l	#	83
96) 1,2,3-Trichlorobenzene	14.02	180	3314	0.619 ug/l		92

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

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