Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN102720\
Data File : VN064325.D
Acq On : 27 Oct 2020 14:53
Operator : JC/MD
Sample : L4214-09 .2PPB MDL
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT4-2020

Manual Integrations APPROVED
MMDadoda
10/28/2020 12:35:52 PM

Quant Time: Oct 28 07:31:43 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N102720W.M
Quant Title : SW846 8260
QLast Update : Tue Oct 27 12:23:17 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	268367	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	433295	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	388412	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	166690	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.98	65	215101	49.88	ug/l	0.00
Spiked Amount 50.000			Recovery = 99.76%			
35) Dibromofluoromethane	7.55	113	145195	50.25	ug/l	0.00
Spiked Amount 50.000			Recovery = 100.50%			
50) Toluene-d8	10.06	98	518119	48.48	ug/l	0.00
Spiked Amount 50.000			Recovery = 96.96%			
62) 4-Bromofluorobenzene	12.38	95	194969	46.79	ug/l	0.00
Spiked Amount 50.000			Recovery = 93.58%			
Target Compounds						Qvalue
3) Chloromethane	2.03	50	889	0.267	ug/l	99
4) Vinyl Chloride	2.16	62	772	0.239	ug/l #	80
7) Trichlorofluoromethane	2.99	101	1112m	0.206	ug/l	
15) Acrylonitrile	4.94	53	1173	0.871	ug/l #	34
16) Acetone	3.78	43	2930m	1.863	ug/l	
17) Carbon Disulfide	4.02	76	3104	0.409	ug/l #	75
23) Vinyl Acetate	5.85	43	7825m	0.904	ug/l	
25) 2-Butanone	6.78	43	1352	0.624	ug/l	97
27) cis-1,2-Dichloroethene	6.77	96	892m	0.273	ug/l	
29) Tetrahydrofuran	7.16	42	1788m	1.272	ug/l	
30) Chloroform	7.31	83	1338m	0.219	ug/l	
36) 1,1-Dichloropropene	7.75	75	1025m	0.234	ug/l	
38) Carbon Tetrachloride	7.72	117	1037m	0.205	ug/l	
41) Methacrylonitrile	7.14	41	586	0.267	ug/l #	25
42) 1,2-Dichloroethane	8.09	62	1457	0.277	ug/l #	79
48) Methyl methacrylate	9.17	41	785	0.202	ug/l #	66
49) 1,4-Dioxane	9.16	88	186	3.239	ug/l #	16
51) 4-Methyl-2-Pentanone	9.96	43	3684	0.839	ug/l	91
52) Toluene	10.13	92	1613	0.210	ug/l	94
53) t-1,3-Dichloropropene	10.35	75	1118	0.209	ug/l #	45
58) 2-Chloroethyl Vinyl ether	9.66	63	1942	0.775	ug/l	100
59) 2-Hexanone	10.72	43	2905m	0.899	ug/l	
64) Tetrachloroethene	10.59	164	835	0.262	ug/l #	74
65) Chlorobenzene	11.41	112	1576	0.200	ug/l #	83
68) m/p-Xylenes	11.59	106	2335	0.430	ug/l	74
73) Isopropylbenzene	12.22	105	2794	0.224	ug/l	88
78) n-propylbenzene	12.57	91	3005	0.213	ug/l	84
79) 2-Chlorotoluene	12.65	91	2135	0.236	ug/l	97
82) 4-Chlorotoluene	12.75	91	2186	0.237	ug/l	92
84) 1,2,4-Trimethylbenzene	13.02	105	2240	0.212	ug/l	87
86) p-Isopropyltoluene	13.26	119	2163	0.214	ug/l	82
87) 1,3-Dichlorobenzene	13.26	146	1457	0.272	ug/l	82
88) 1,4-Dichlorobenzene	13.33	146	1619m	0.297	ug/l	
89) n-Butylbenzene	13.59	91	1968	0.221	ug/l	86

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QLast Update : Tue Oct 27 12:23:17 2020
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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
91) 1,2-Dichlorobenzene	13.63	146	1314	0.247 ug/l #	80
93) 1,2,4-Trichlorobenzene	14.90	180	536m	0.202 ug/l	
94) Hexachlorobutadiene	14.98	225	581	0.356 ug/l	85
95) Naphthalene	15.11	128	1741	0.212 ug/l #	74

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

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