Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN070220\
Data File : BN011092.D
Acq On : 02 Jul 2020 18:54
Operator : CG/JU
Sample : L1955-09
Misc : MDL-WTR--02
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : MDL-WATER-02

Manual Integrations APPROVED
Sohil
7/7/2020 8:20:29 AM

Quant Time: Jul 02 19:50:08 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN063020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 30 14:12:13 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	1626	0.40	ng		0.00
7) Naphthalene-d8	10.27	136	5205	0.40	ng		0.00
13) Acenaphthene-d10	14.14	164	2734	0.40	ng		0.01
19) Phenanthrene-d10	16.90	188	5544	0.40	ng		0.00
29) Chrysene-d12	21.11	240	4725	0.40	ng		0.00
36) Perylene-d12	23.25	264	4975	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.18	112	1697	0.42	ng		0.00
5) Phenol-d6	6.73	99	1640	0.35	ng		0.00
8) Nitrobenzene-d5	8.67	82	1389	0.31	ng		0.01
11) 2-Methylnaphthalene-d10	11.87	152	2919	0.32	ng		0.00
14) 2,4,6-Tribromophenol	15.65	330	407	0.35	ng		0.00
15) 2-Fluorobiphenyl	12.77	172	4144	0.32	ng		0.01
27) Fluoranthene-d10	18.94	212	5706	0.34	ng		0.00
31) Terphenyl-d14	19.56	244	4677	0.38	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.25	88	246	0.107	ng	#	83
3) n-Nitrosodimethylamine	3.59	42	101	0.087	ng	#	1
6) bis(2-Chloroethyl)ether	6.97	93	424	0.100	ng	#	85
9) Naphthalene	10.32	128	1552	0.100	ng	#	86
10) Hexachlorobutadiene	10.61	225	372	0.094	ng	#	99
12) 2-Methylnaphthalene	11.95	142	937	0.090	ng	#	93
16) Acenaphthylene	13.85	152	1249	0.091	ng		100
17) Acenaphthene	14.21	154	815	0.088	ng		95
18) Fluorene	15.21	166	1039	0.090	ng		97
20) 4,6-Dinitro-2-methylphenol	15.39	198	51m	0.086	ng		
21) 4-Bromophenyl-phenylether	16.11	248	258	0.070	ng		91
22) Hexachlorobenzene	16.20	284	388	0.089	ng		96
23) Atrazine	16.40	200	257	0.099	ng	#	71
24) Pentachlorophenol	16.57	266	225	0.192	ng		98
25) Phenanthrene	16.93	178	1576	0.088	ng		100
26) Anthracene	17.04	178	1269	0.085	ng		97
28) Fluoranthene	18.97	202	1822	0.090	ng		99
30) Pyrene	19.33	202	1891	0.107	ng		99
32) Benzo(a)anthracene	21.09	228	1431	0.091	ng	#	89
33) Chrysene	21.14	228	1837	0.101	ng		94
34) Bis(2-ethylhexyl)phthalate	21.05	149	967	0.151	ng	#	95
35) Indeno(1,2,3-cd)pyrene	25.36	276	1855	0.098	ng	#	94
37) Benzo(b)fluoranthene	22.62	252	1612	0.081	ng	#	60
38) Benzo(k)fluoranthene	22.66	252	1912	0.090	ng	#	58
39) Benzo(a)pyrene	23.16	252	1406	0.082	ng	#	40
40) Dibenzo(a,h)anthracene	25.38	278	1347	0.076	ng	#	45
41) Benzo(g,h,i)perylene	25.98	276	1723	0.089	ng	#	84

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

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