Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN070220\
Data File : BN011090.D
Acq On : 02 Jul 2020 17:42
Operator : CG/JU
Sample : L1955-08
Misc : MDL-WTR--01
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : MDL-WATER-01

Manual Integrations APPROVED
Sohil
7/7/2020 8:20:27 AM

Quant Time: Jul 02 19:50:49 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN063020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 02 19:38:37 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	1659	0.40	ng		0.00
7) Naphthalene-d8	10.27	136	5315	0.40	ng		0.00
13) Acenaphthene-d10	14.14	164	2837	0.40	ng		0.01
19) Phenanthrene-d10	16.90	188	5751	0.40	ng		0.00
29) Chrysene-d12	21.11	240	4871	0.40	ng		0.00
36) Perylene-d12	23.25	264	5177	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.18	112	1547	0.37	ng		0.00
5) Phenol-d6	6.73	99	1815	0.38	ng		0.00
8) Nitrobenzene-d5	8.67	82	1396	0.31	ng		0.01
11) 2-Methylnaphthalene-d10	11.87	152	3122	0.34	ng		0.00
14) 2,4,6-Tribromophenol	15.65	330	384	0.32	ng		0.00
15) 2-Fluorobiphenyl	12.77	172	4183	0.31	ng		0.01
27) Fluoranthene-d10	18.94	212	6042	0.35	ng		0.00
31) Terphenyl-d14	19.55	244	4788	0.38	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.24	88	209	0.089	ng	#	87
3) n-Nitrosodimethylamine	3.63	42	113m	0.096	ng		
6) bis(2-Chloroethyl)ether	6.98	93	396	0.092	ng		95
9) Naphthalene	10.32	128	1424	0.090	ng	#	87
10) Hexachlorobutadiene	10.61	225	345	0.086	ng	#	100
12) 2-Methylnaphthalene	11.95	142	906	0.085	ng	#	92
16) Acenaphthylene	13.85	152	1219	0.086	ng		98
17) Acenaphthene	14.21	154	808	0.084	ng		98
18) Fluorene	15.21	166	1131	0.094	ng		98
20) 4,6-Dinitro-2-methylphenol	15.36	198	55m	0.090	ng		
21) 4-Bromophenyl-phenylether	16.12	248	307m	0.080	ng		
22) Hexachlorobenzene	16.22	284	373	0.083	ng		94
23) Atrazine	16.40	200	250	0.093	ng	#	71
24) Pentachlorophenol	16.57	266	219	0.181	ng		93
25) Phenanthrene	16.95	178	1492	0.080	ng		99
26) Anthracene	17.04	178	1222	0.079	ng		98
28) Fluoranthene	18.97	202	1741	0.083	ng		99
30) Pyrene	19.33	202	1717	0.094	ng		100
32) Benzo(a)anthracene	21.10	228	1393	0.086	ng	#	93
33) Chrysene	21.14	228	1785	0.096	ng		93
34) Bis(2-ethylhexyl)phthalate	21.05	149	897	0.136	ng		99
35) Indeno(1,2,3-cd)pyrene	25.36	276	1609	0.082	ng	#	85
37) Benzo(b)fluoranthene	22.62	252	1591	0.077	ng	#	54
38) Benzo(k)fluoranthene	22.67	252	1741	0.078	ng	#	56
39) Benzo(a)pyrene	23.16	252	1452	0.081	ng	#	30
40) Dibenzo(a,h)anthracene	25.38	278	1152	0.063	ng	#	36
41) Benzo(g,h,i)perylene	25.98	276	1650	0.082	ng	#	80

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

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