Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN070720\
Data File : BN011116.D
Acq On : 07 Jul 2020 16:14
Operator : CG/JU
Sample : L1955-14
Misc : MDL-WTR--07
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : MDL-WATER-07

Manual Integrations APPROVED
mohammad
7/9/2020 10:58:00 AM

Quant Time: Jul 07 16:44:51 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 Jul 07 14:39:07 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.51	152	1653	0.40	ng		0.00
7) Naphthalene-d8	10.25	136	5154	0.40	ng		0.00
13) Acenaphthene-d10	14.13	164	2935	0.40	ng		0.00
19) Phenanthrene-d10	16.90	188	5629	0.40	ng		0.01
29) Chrysene-d12	21.10	240	4773	0.40	ng		0.00
36) Perylene-d12	23.25	264	5153	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.17	112	1424	0.35	ng		0.00
5) Phenol-d6	6.71	99	1492	0.32	ng		0.00
8) Nitrobenzene-d5	8.66	82	1011	0.23	ng		0.00
11) 2-Methylnaphthalene-d10	11.86	152	2663	0.30	ng		0.00
14) 2,4,6-Tribromophenol	15.65	330	374	0.30	ng		0.01
15) 2-Fluorobiphenyl	12.76	172	2826	0.20	ng		0.01
27) Fluoranthene-d10	18.94	212	5509	0.32	ng		0.00
31) Terphenyl-d14	19.55	244	3154	0.25	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.23	88	234	0.100	ng	#	86
3) n-Nitrosodimethylamine	3.58	42	113m	0.096	ng		
6) bis(2-Chloroethyl)ether	6.96	93	449	0.105	ng		89
9) Naphthalene	10.30	128	1455	0.095	ng	#	86
10) Hexachlorobutadiene	10.60	225	374	0.096	ng	#	99
12) 2-Methylnaphthalene	11.93	142	912	0.089	ng	#	93
16) Acenaphthylene	13.85	152	1232	0.084	ng		98
17) Acenaphthene	14.20	154	831	0.083	ng		97
18) Fluorene	15.20	166	988	0.079	ng		99
20) 4,6-Dinitro-2-methylphenol	15.35	198	40	0.067	ng	#	57
21) 4-Bromophenyl-phenylether	16.11	248	294	0.079	ng		90
22) Hexachlorobenzene	16.20	284	397	0.090	ng		95
23) Atrazine	16.40	200	253	0.096	ng	#	75
24) Pentachlorophenol	16.57	266	230	0.194	ng		97
25) Phenanthrene	16.93	178	1525	0.084	ng		98
26) Anthracene	17.03	178	1244	0.082	ng		97
28) Fluoranthene	18.96	202	1815	0.089	ng		98
30) Pyrene	19.33	202	1792	0.101	ng		99
32) Benzo(a)anthracene	21.09	228	1490	0.093	ng		93
33) Chrysene	21.14	228	1772	0.097	ng		96
34) Bis(2-ethylhexyl)phthalate	21.05	149	930	0.144	ng	#	97
35) Indeno(1,2,3-cd)pyrene	25.36	276	1646	0.086	ng	#	93
37) Benzo(b)fluoranthene	22.62	252	1594	0.077	ng	#	64
38) Benzo(k)fluoranthene	22.66	252	1734	0.078	ng	#	63
39) Benzo(a)pyrene	23.16	252	1602	0.090	ng	#	44
40) Dibenzo(a,h)anthracene	25.38	278	1161	0.064	ng	#	39
41) Benzo(g,h,i)perylene	25.98	276	1706	0.085	ng	#	84

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

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