Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091520\
Data File : BN011798.D
Acq On : 15 Sep 2020 12:34
Operator : CG/JU
Sample : SSTDICC0.8
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDICC0.8

Quant Time: Sep 15 13:13:30 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN091520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 15 12:47:27 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	1352	0.40	ng		0.00
7) Naphthalene-d8	10.50	136	4761	0.40	ng		0.00
13) Acenaphthene-d10	14.36	164	2980	0.40	ng		0.00
19) Phenanthrene-d10	17.10	188	6756	0.40	ng		0.00
29) Chrysene-d12	21.30	240	7443	0.40	ng		-0.01
36) Perylene-d12	23.55	264	7404	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.32	112	2671	0.73	ng		0.00
5) Phenol-d6	6.89	99	3467	0.75	ng		0.00
8) Nitrobenzene-d5	8.86	82	3824	0.74	ng		-0.01
11) 2-Methylnaphthalene-d10	12.10	152	6711	0.76	ng		0.00
14) 2,4,6-Tribromophenol	15.85	330	1181	0.74	ng		0.00
15) 2-Fluorobiphenyl	12.97	172	9771	0.73	ng		-0.01
27) Fluoranthene-d10	19.15	212	16025	0.73	ng		0.00
31) Terphenyl-d14	19.75	244	13751	0.66	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.27	88	1316	0.737	ng		98
3) n-Nitrosodimethylamine	3.58	42	2183	0.765	ng	#	97
6) bis(2-Chloroethyl)ether	7.15	93	2904	0.751	ng		98
9) Naphthalene	10.55	128	10107	0.737	ng		99
10) Hexachlorobutadiene	10.85	225	2449	0.726	ng	#	98
12) 2-Methylnaphthalene	12.17	142	7320	0.754	ng		100
16) Acenaphthylene	14.08	152	10792	0.732	ng		99
17) Acenaphthene	14.42	154	7727	0.742	ng		100
18) Fluorene	15.41	166	9717	0.741	ng		99
20) 4,6-Dinitro-2-methylphenol	15.49	198	1048	0.702	ng		90
21) 4-Bromophenyl-phenylether	16.31	248	3091	0.725	ng		96
22) Hexachlorobenzene	16.42	284	3682	0.747	ng		99
23) Atrazine	16.58	200	2728	0.706	ng		99
24) Pentachlorophenol	16.76	266	1481	0.715	ng		96
25) Phenanthrene	17.15	178	15930	0.720	ng		100
26) Anthracene	17.24	178	14175	0.724	ng		99
28) Fluoranthene	19.18	202	18969	0.703	ng		100
30) Pyrene	19.54	202	18865	0.719	ng		100
32) Benzo(a)anthracene	21.29	228	18864	0.699	ng		99
33) Chrysene	21.34	228	20123	0.712	ng		100
34) Bis(2-ethylhexyl)phthalate	21.23	149	8360	0.629	ng		99
35) Indeno(1,2,3-cd)pyrene	25.81	276	26251	0.715	ng		100
37) Benzo(b)fluoranthene	22.88	252	21493	0.702	ng		99
38) Benzo(k)fluoranthene	22.93	252	21957	0.721	ng		99
39) Benzo(a)pyrene	23.46	252	18925	0.707	ng		99
40) Dibenzo(a,h)anthracene	25.83	278	21981	0.723	ng		99
41) Benzo(g,h,i)perylene	26.50	276	21834	0.713	ng		99

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

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