Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082120\
Data File : BN011560.D
Acq On : 21 Aug 2020 18:12
Operator : CG/JU
Sample : SSTDICC0.8
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDICC0.8

Quant Time: Aug 21 19:01:11 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN082120.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 21 18:41:03 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	1304	0.40	ng		0.00
7) Naphthalene-d8	10.14	136	4573	0.40	ng		-0.01
13) Acenaphthene-d10	14.03	164	3046	0.40	ng		0.00
19) Phenanthrene-d10	16.79	188	7089	0.40	ng		0.00
29) Chrysene-d12	21.01	240	7264	0.40	ng		0.00
36) Perylene-d12	23.11	264	6272	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.07	112	2207	0.73	ng		0.00
5) Phenol-d6	6.61	99	2336	0.66	ng		-0.02
8) Nitrobenzene-d5	8.54	82	2545	0.69	ng		-0.01
11) 2-Methylnaphthalene-d10	11.74	152	6496	0.77	ng		0.00
14) 2,4,6-Tribromophenol	15.54	330	1159	0.85	ng		-0.01
15) 2-Fluorobiphenyl	12.64	172	10303	0.77	ng		-0.01
27) Fluoranthene-d10	18.83	212	17351	0.80	ng		0.00
31) Terphenyl-d14	19.45	244	14066	0.88	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.11	88	1393	0.821	ng	#	100
3) n-Nitrosodimethylamine	3.44	42	572	0.815	ng	#	87
6) bis(2-Chloroethyl)ether	6.86	93	2287	0.826	ng		96
9) Naphthalene	10.19	128	10413	0.781	ng		96
10) Hexachlorobutadiene	10.48	225	2856	0.827	ng	#	98
12) 2-Methylnaphthalene	11.82	142	7363	0.769	ng		96
16) Acenaphthylene	13.75	152	12072	0.790	ng		99
17) Acenaphthene	14.09	154	7834	0.793	ng		98
18) Fluorene	15.09	166	10677	0.841	ng		99
20) 4,6-Dinitro-2-methylphenol	15.22	198	719	0.833	ng	#	50
21) 4-Bromophenyl-phenylether	16.02	248	563	0.096	ng		97
22) Hexachlorobenzene	16.10	284	4031	0.762	ng		98
23) Atrazine	16.29	200	2840	0.824	ng		93
24) Pentachlorophenol	16.46	266	1235	0.762	ng		97
25) Phenanthrene	16.83	178	17092	0.756	ng		100
26) Anthracene	16.92	178	14172	0.735	ng		99
28) Fluoranthene	18.86	202	21103	0.789	ng		100
30) Pyrene	19.23	202	20953	0.874	ng		99
32) Benzo(a)anthracene	20.99	228	18200	0.820	ng		98
33) Chrysene	21.05	228	20465	0.811	ng		99
34) Bis(2-ethylhexyl)phthalate	20.96	149	8062	1.021	ng		99
35) Indeno(1,2,3-cd)pyrene	25.14	276	17817	0.577	ng		98
37) Benzo(b)fluoranthene	22.49	252	18736	0.748	ng	#	88
38) Benzo(k)fluoranthene	22.54	252	22406	0.865	ng	#	88
39) Benzo(a)pyrene	23.02	252	16245	0.746	ng	#	80
40) Dibenzo(a,h)anthracene	25.15	278	13526	0.556	ng	#	83
41) Benzo(g,h,i)perylene	25.76	276	15408	0.607	ng		94

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

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