Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN041320\
Data File : BN010468.D
Acq On : 13 Apr 2020 15:35
Operator : CG/JU
Sample : SSTDICC1.6
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDICC1.6

Quant Time: Apr 13 16:11:35 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN041320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 13 14:54:53 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	4567	0.40	ng		0.00
7) Naphthalene-d8	10.37	136	17819	0.40	ng		0.00
13) Acenaphthene-d10	14.22	164	11451	0.40	ng		0.00
19) Phenanthrene-d10	16.97	188	25462	0.40	ng		0.00
27) Chrysene-d12	21.19	240	26520	0.40	ng		0.00
34) Perylene-d12	23.36	264	22698	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.25	112	16370	1.81	ng		0.00
5) Phenol-d6	6.79	99	21721	1.93	ng		0.00
8) Nitrobenzene-d5	8.74	82	20859	1.83	ng		0.00
11) 2-Methylnaphthalene-d10	11.96	152	49302	1.73	ng		0.00
14) 2,4,6-Tribromophenol	15.73	330	9371	2.13	ng		0.00
15) 2-Fluorobiphenyl	12.85	172	69350	1.58	ng		0.00
25) Fluoranthene-d10	19.01	212	131038	1.71	ng		0.00
29) Terphenyl-d14	19.62	244	100044	1.75	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.25	88	5681	1.325	ng		98
3) n-Nitrosodimethylamine	3.55	42	3868	1.067	ng	#	93
6) bis(2-Chloroethyl)ether	7.04	93	18702	1.732	ng		99
9) Naphthalene	10.42	128	73815	1.661	ng		99
10) Hexachlorobutadiene	10.72	225	17731	1.646	ng	#	100
12) 2-Methylnaphthalene	12.03	142	53569	1.739	ng		98
16) Acenaphthylene	13.95	152	84531	1.881	ng		100
17) Acenaphthene	14.29	154	52430	1.638	ng		99
18) Fluorene	15.28	166	70136	1.649	ng		99
20) 4-Bromophenyl-phenylether	16.18	248	24426	1.581	ng	#	90
21) Hexachlorobenzene	16.29	284	26944	1.698	ng		100
22) Pentachlorophenol	16.63	266	10795	1.988	ng		98
23) Phenanthrene	17.02	178	115898	1.656	ng		100
24) Anthracene	17.11	178	108995	1.821	ng		100
26) Fluoranthene	19.05	202	146187	1.705	ng		100
28) Pyrene	19.41	202	146566	1.775	ng		100
30) Benzo(a)anthracene	21.16	228	144231	1.708	ng		100
31) Chrysene	21.22	228	140270	1.549	ng		99
32) Bis(2-ethylhexyl)phthalate	21.12	149	71300	2.502	ng		100
33) Indeno(1,2,3-cd)pyrene	25.51	276	124555	1.284	ng		100
35) Benzo(b)fluoranthene	22.71	252	124254	1.611	ng	#	94
36) Benzo(k)fluoranthene	22.76	252	124384	1.585	ng	#	94
37) Benzo(a)pyrene	23.26	252	110149	1.693	ng	#	91
38) Dibenzo(a,h)anthracene	25.52	278	101230	1.439	ng		95
39) Benzo(g,h,i)perylene	26.16	276	100885	1.425	ng		97

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

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