Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082720\
Data File : BN011661.D
Acq On : 27 Aug 2020 13:14
Operator : CG/JU
Sample : SSTDICC5.0
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDICC5.0

Quant Time: Aug 27 14:33:51 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN082720.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 27 11:24:00 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	2325	0.40	ng		0.00
7) Naphthalene-d8	10.53	136	8045	0.40	ng		0.00
13) Acenaphthene-d10	14.38	164	4867	0.40	ng		0.00
19) Phenanthrene-d10	17.13	188	10513	0.40	ng		0.00
29) Chrysene-d12	21.32	240	12352	0.40	ng		0.00
36) Perylene-d12	23.58	264	12325	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.34	112	27767	3.74	ng		0.00
5) Phenol-d6	6.91	99	38579	3.67	ng		0.00
8) Nitrobenzene-d5	8.88	82	35342	5.07	ng		0.00
11) 2-Methylnaphthalene-d10	12.12	152	65428	4.29	ng		0.00
14) 2,4,6-Tribromophenol	15.88	330	11470	4.29	ng		0.00
15) 2-Fluorobiphenyl	13.00	172	90935	4.80	ng		0.00
27) Fluoranthene-d10	19.17	212	157087	4.58	ng		0.00
31) Terphenyl-d14	19.77	244	134349	4.26	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.29	88	15436	4.281	ng		94
3) n-Nitrosodimethylamine	3.58	42	18476	4.866	ng	#	93
6) bis(2-Chloroethyl)ether	7.17	93	30129	4.035	ng		98
9) Naphthalene	10.58	128	103389	4.520	ng		98
10) Hexachlorobutadiene	10.87	225	22169	4.627	ng	#	98
12) 2-Methylnaphthalene	12.20	142	73945	4.381	ng		100
16) Acenaphthylene	14.10	152	113868	4.440	ng		100
17) Acenaphthene	14.45	154	75892	4.666	ng		95
18) Fluorene	15.44	166	96810	4.599	ng		100
21) 4-Bromophenyl-phenylether	16.32	248	28760	4.690	ng		99
22) Hexachlorobenzene	16.43	284	33984	4.793	ng		99
23) Atrazine	16.59	200	25984	4.289	ng		99
24) Pentachlorophenol	16.79	266	14894	4.760	ng		98
25) Phenanthrene	17.17	178	155909	4.773	ng		99
26) Anthracene	17.26	178	145784	4.532	ng		100
28) Fluoranthene	19.20	202	189746	4.795	ng		100
30) Pyrene	19.56	202	192419	4.394	ng		100
32) Benzo(a)anthracene	21.31	228	201755	4.529	ng		99
33) Chrysene	21.35	228	201118	4.736	ng		97
34) Bis(2-ethylhexyl)phthalate	21.26	149	86928	2.741	ng		99
35) Indeno(1,2,3-cd)pyrene	25.86	276	263197	5.078	ng		100
37) Benzo(b)fluoranthene	22.90	252	215853	4.835	ng	#	95
38) Benzo(k)fluoranthene	22.95	252	216431	4.874	ng	#	95
39) Benzo(a)pyrene	23.48	252	198655	4.773	ng	#	93
40) Dibenzo(a,h)anthracene	25.87	278	217489	5.001	ng		97
41) Benzo(g,h,i)perylene	26.55	276	213375	5.053	ng		99

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

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