Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082720\
Data File : BN011674.D
Acq On : 27 Aug 2020 21:43
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDCCC0.4

Quant Time: Aug 28 00:40:39 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 14:34:48 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	2081	0.40	ng		0.00
7) Naphthalene-d8	10.53	136	7875	0.40	ng		0.00
13) Acenaphthene-d10	14.38	164	4798	0.40	ng		0.00
19) Phenanthrene-d10	17.13	188	10665	0.40	ng		0.00
29) Chrysene-d12	21.32	240	10938	0.40	ng		0.00
36) Perylene-d12	23.58	264	11752	0.40	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.34	112	2175	0.37	ng		0.00
5) Phenol-d6	6.90	99	2932	0.37	ng		0.00
8) Nitrobenzene-d5	8.88	82	2800	0.37	ng		0.00
11) 2-Methylnaphthalene-d10	12.12	152	5120	0.36	ng		0.00
14) 2,4,6-Tribromophenol	15.87	330	806	0.35	ng		-0.01
15) 2-Fluorobiphenyl	13.00	172	7347	0.36	ng		0.00
27) Fluoranthene-d10	19.16	212	11932	0.35	ng		0.00
31) Terphenyl-d14	19.77	244	10453	0.39	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.29	88	1282	0.383	ng		94
3) n-Nitrosodimethylamine	3.59	42	1534	0.397	ng	#	96
6) bis(2-Chloroethyl)ether	7.17	93	2417	0.372	ng		100
9) Naphthalene	10.58	128	8242	0.366	ng		99
10) Hexachlorobutadiene	10.87	225	1877	0.379	ng	#	98
12) 2-Methylnaphthalene	12.19	142	5794	0.361	ng		97
16) Acenaphthylene	14.10	152	8163	0.349	ng		100
17) Acenaphthene	14.45	154	5794	0.359	ng		99
18) Fluorene	15.44	166	7286	0.352	ng		99
20) 4,6-Dinitro-2-methylphenol	15.50	198	592	0.360	ng	#	59
21) 4-Bromophenyl-phenylether	16.32	248	2232	0.357	ng		89
22) Hexachlorobenzene	16.43	284	2803	0.364	ng		100
23) Atrazine	16.59	200	1881	0.343	ng		97
24) Pentachlorophenol	16.77	266	1070	0.349	ng		98
25) Phenanthrene	17.16	178	12303	0.357	ng		100
26) Anthracene	17.26	178	10552	0.345	ng		99
28) Fluoranthene	19.19	202	14414	0.353	ng		100
30) Pyrene	19.55	202	14554	0.383	ng		100
32) Benzo(a)anthracene	21.30	228	14292	0.366	ng		99
33) Chrysene	21.35	228	15123	0.375	ng		98
34) Bis(2-ethylhexyl)phthalate	21.25	149	5600	0.353	ng		99
35) Indeno(1,2,3-cd)pyrene	25.85	276	19309	0.368	ng		100
37) Benzo(b)fluoranthene	22.90	252	15630	0.347	ng		100
38) Benzo(k)fluoranthene	22.94	252	16363	0.355	ng		99
39) Benzo(a)pyrene	23.48	252	13724	0.341	ng		98
40) Dibenzo(a,h)anthracene	25.86	278	15818	0.348	ng		98
41) Benzo(g,h,i)perylene	26.54	276	15254	0.342	ng		99

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

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