Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020521\
Data File : BN013581.D
Acq On : 05 Feb 2021 10:06
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDCCC0.4

Quant Time: Feb 05 11:21:29 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN010721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 05 11:21:14 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.555	152	6044	0.40	ng		0.00
7) Naphthalene-d8	10.315	136	22984	0.40	ng		# 0.00
13) Acenaphthene-d10	14.181	164	12697	0.40	ng		0.00
19) Phenanthrene-d10	16.934	188	26346	0.40	ng		# 0.00
29) Chrysene-d12	21.144	240	27848	0.40	ng		# 0.00
36) Perylene-d12	23.308	264	25391	0.40	ng		# 0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.180	112	7025	0.40	ng		0.00
5) Phenol-d6	6.734	99	8517	0.38	ng		0.00
8) Nitrobenzene-d5	8.693	82	5845	0.38	ng		0.00
11) 2-Methylnaphthalene-d10	11.911	152	15675	0.38	ng		0.00
14) 2,4,6-Tribromophenol	15.678	330	1813	0.33	ng		0.00
15) 2-Fluorobiphenyl	12.798	172	21759	0.39	ng		0.00
27) Fluoranthene-d10	18.975	212	31681	0.38	ng		0.00
31) Terphenyl-d14	19.586	244	27099	0.38	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.190	88	2982	0.40	ng		97
3) n-Nitrosodimethylamine	3.497	42	2156	0.33	ng	#	91
6) bis(2-Chloroethyl)ether	6.992	93	6948	0.40	ng		99
9) Naphthalene	10.366	128	26599	0.39	ng		100
10) Hexachlorobutadiene	10.657	225	4547	0.38	ng	#	100
12) 2-Methylnaphthalene	11.986	142	18195	0.38	ng		98
16) Acenaphthylene	13.902	152	22701	0.37	ng		100
17) Acenaphthene	14.245	154	16366	0.38	ng		98
18) Fluorene	15.234	166	20873	0.38	ng		100
20) 4,6-Dinitro-2-methylph...	15.323	198	1242	0.38	ng		98
21) 4-Bromophenyl-phenylether	16.143	248	6300	0.38	ng	#	77
22) Hexachlorobenzene	16.252	284	7004	0.38	ng		99
23) Atrazine	16.410	200	3747	0.36	ng		95
24) Pentachlorophenol	16.593	266	1563	0.29	ng		94
25) Phenanthrene	16.970	178	34493	0.39	ng		100
26) Anthracene	17.068	178	28177	0.38	ng		100
28) Fluoranthene	19.005	202	38012	0.38	ng		99
30) Pyrene	19.372	202	38194	0.37	ng		100
32) Benzo(a)anthracene	21.123	228	37050	0.38	ng		98
33) Chrysene	21.176	228	39785	0.37	ng		98
34) Bis(2-ethylhexyl)phtha...	21.080	149	11678	0.39	ng		98
35) Indeno(1,2,3-cd)pyrene	25.464	276	43792	0.39	ng		98
37) Benzo(b)fluoranthene	22.664	252	39941	0.38	ng		95
38) Benzo(k)fluoranthene	22.705	252	41270	0.40	ng	#	95
39) Benzo(a)pyrene	23.215	252	36204	0.42	ng	#	95
40) Dibenzo(a,h)anthracene	25.478	278	37062	0.38	ng		98
41) Benzo(g,h,i)perylene	26.115	276	37987	0.38	ng		99

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

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