Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052421\
Data File : BN014714.D
Acq On : 24 May 2021 10:55
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDCCC0.4

Quant Time: May 24 12:11:43 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN051121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 21 11:30:28 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.724	152	1321	0.40	ng	# 0.00
7) Naphthalene-d8	10.505	136	4814	0.40	ng	# 0.00
13) Acenaphthene-d10	14.371	164	3441	0.40	ng	0.00
19) Phenanthrene-d10	17.116	188	7899	0.40	ng	# 0.00
29) Chrysene-d12	21.321	240	8682	0.40	ng	# 0.00
35) Perylene-d12	23.589	264	7942	0.40	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.324	112	1514	0.43	ng	0.00
5) Phenol-d6	6.903	99	2117	0.45	ng	0.00
8) Nitrobenzene-d5	8.870	82	1846	0.44	ng	0.00
11) 2-Methylnaphthalene-d10	12.102	152	5016	0.43	ng	0.00
14) 2,4,6-Tribromophenol	15.869	330	725	0.45	ng	0.00
15) 2-Fluorobiphenyl	12.988	172	5496	0.44	ng	0.00
27) Fluoranthene-d10	19.161	212	13827	0.39	ng	0.00
31) Terphenyl-d14	19.761	244	9650	0.47	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.287	88	832	0.41	ng	# 86
3) n-Nitrosodimethylamine	3.633	42	203	0.31	ng	# 94
6) bis(2-Chloroethyl)ether	7.153	93	1801	0.47	ng	88
9) Naphthalene	10.556	128	5350	0.42	ng	97
10) Hexachlorobutadiene	10.847	225	1425	0.47	ng	# 99
12) 2-Methylnaphthalene	12.177	142	3881	0.42	ng	# 89
16) Acenaphthylene	14.080	152	5286	0.42	ng	98
17) Acenaphthene	14.435	154	3696	0.39	ng	96
18) Fluorene	15.425	166	5249	0.42	ng	100
20) 4,6-Dinitro-2-methylph...	15.501	198	310	0.39	ng	# 1
21) 4-Bromophenyl-phenylether	16.312	248	2177	0.45	ng	# 84
22) Hexachlorobenzene	16.434	284	2424	0.47	ng	# 92
23) Atrazine	16.580	200	1209	0.39	ng	91
24) Pentachlorophenol	16.775	266	577	0.34	ng	# 44
25) Phenanthrene	17.164	178	8837	0.41	ng	99
26) Anthracene	17.249	178	7578	0.42	ng	99
28) Fluoranthene	19.190	202	11274	0.39	ng	98
30) Pyrene	19.553	202	11073	0.47	ng	99
32) Benzo(a)anthracene	21.300	228	10537	0.42	ng	98
33) Chrysene	21.353	228	11577	0.44	ng	99
34) Bis(2-ethylhexyl)phtha...	21.236	149	3006	0.43	ng	# 77
36) Indeno(1,2,3-cd)pyrene	25.875	276	12325	0.39	ng	# 88
37) Benzo(b)fluoranthene	22.904	252	11601	0.43	ng	# 97
38) Benzo(k)fluoranthene	22.949	252	11517	0.41	ng	# 96
39) Benzo(a)pyrene	23.490	252	10083	0.44	ng	98
40) Dibenzo(a,h)anthracene	25.893	278	10406	0.38	ng	# 92
41) Benzo(g,h,i)perylene	26.570	276	10482	0.40	ng	# 91

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

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