Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN022322\
Data File : BN018707.D
Acq On : 23 Feb 2022 20:57
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Quant Time: Feb 24 01:37:22 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN022222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 22 16:23:51 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.919	152	6921	0.400	ng	0.00
7) Naphthalene-d8	10.722	136	17838	0.400	ng	# 0.00
13) Acenaphthene-d10	14.548	164	9380	0.400	ng	0.00
19) Phenanthrene-d10	17.287	188	18226	0.400	ng	0.00
29) Chrysene-d12	21.458	240	12947	0.400	ng	# 0.00
35) Perylene-d12	23.857	264	10328	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.464	112	6131	0.387	ng	0.00
5) Phenol-d6	7.067	99	7122	0.391	ng	0.00
8) Nitrobenzene-d5	9.067	82	4673	0.339	ng	0.00
11) 2-Methylnaphthalene-d10	12.310	152	10432	0.388	ng	0.00
14) 2,4,6-Tribromophenol	16.025	330	1284	0.351	ng	0.00
15) 2-Fluorobiphenyl	13.180	172	16150	0.363	ng	0.00
27) Fluoranthene-d10	19.312	212	18157	0.367	ng	0.00
31) Terphenyl-d14	19.906	244	11347	0.404	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.319	88	3131	0.390	ng	# 59
3) n-Nitrosodimethylamine	3.644	42	3189	0.400	ng	# 86
6) bis(2-Chloroethyl)ether	7.327	93	7489	0.400	ng	98
9) Naphthalene	10.776	128	19350	0.376	ng	99
10) Hexachlorobutadiene	11.075	225	4507	0.364	ng	# 100
12) 2-Methylnaphthalene	12.382	142	12235	0.355	ng	98
16) Acenaphthylene	14.260	152	15527	0.349	ng	100
17) Acenaphthene	14.613	154	11140	0.363	ng	100
18) Fluorene	15.585	166	13864	0.375	ng	99
20) 4,6-Dinitro-2-methylph...	15.660	198	742	0.334	ng	97
21) 4-Bromophenyl-phenylether	16.477	248	4583	0.354	ng	96
22) Hexachlorobenzene	16.600	284	5844	0.360	ng	# 86
23) Atrazine	16.733	200	2402	0.336	ng	# 93
24) Pentachlorophenol	16.938	266	1090	0.367	ng	97
25) Phenanthrene	17.328	178	22493	0.369	ng	100
26) Anthracene	17.420	178	18026	0.349	ng	100
28) Fluoranthene	19.341	202	23067	0.362	ng	# 97
30) Pyrene	19.704	202	23031	0.398	ng	100
32) Benzo(a)anthracene	21.449	228	17417	0.355	ng	99
33) Chrysene	21.503	228	20725	0.378	ng	99
34) Bis(2-ethylhexyl)phtha...	21.377	149	7194	0.361	ng	# 96
36) Indeno(1,2,3-cd)pyrene	26.346	276	18049	0.331	ng	# 89
37) Benzo(b)fluoranthene	23.129	252	17448	0.372	ng	# 92
38) Benzo(k)fluoranthene	23.176	252	17069	0.367	ng	# 94
39) Benzo(a)pyrene	23.752	252	13141	0.351	ng	# 86
40) Dibenzo(a,h)anthracene	26.360	278	13921	0.327	ng	# 90
41) Benzo(g,h,i)perylene	27.106	276	15065	0.323	ng	# 88

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

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