Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN083122\
Data File : BN021485.D
Acq On : 31 Aug 2022 10:22
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Quant Time: Sep 01 03:16:25 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN082922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 29 16:30:43 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.076	152	4525	0.400	ng	0.00
7) Naphthalene-d8	10.909	136	14255	0.400	ng	# 0.00
13) Acenaphthene-d10	14.728	164	8021	0.400	ng	0.00
19) Phenanthrene-d10	17.480	188	16591	0.400	ng	0.00
29) Chrysene-d12	21.664	240	12341	0.400	ng	# 0.00
35) Perylene-d12	24.185	264	8726	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.599	112	4065	0.459	ng	0.00
5) Phenol-d6	7.224	99	5056	0.448	ng	0.00
8) Nitrobenzene-d5	9.243	82	3881	0.403	ng	-0.01
11) 2-Methylnaphthalene-d10	12.490	152	15025	0.468	ng	0.00
14) 2,4,6-Tribromophenol	16.218	330	1028	0.390	ng	0.00
15) 2-Fluorobiphenyl	13.349	172	14364	0.410	ng	-0.01
27) Fluoranthene-d10	19.506	212	17714	0.415	ng	0.00
31) Terphenyl-d14	20.097	244	11955	0.431	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.410	88	2435	0.430	ng	# 88
3) n-Nitrosodimethylamine	3.743	42	2080	0.408	ng	# 95
6) bis(2-Chloroethyl)ether	7.484	93	5891	0.415	ng	97
9) Naphthalene	10.952	128	17320	0.410	ng	100
10) Hexachlorobutadiene	11.240	225	2996	0.410	ng	# 99
12) 2-Methylnaphthalene	12.187	142	2486	0.480	ng	# 96
16) Acenaphthylene	14.450	152	14786	0.393	ng	100
17) Acenaphthene	14.793	154	10937	0.413	ng	100
18) Fluorene	15.776	166	13604	0.416	ng	99
21) 4-Bromophenyl-phenylether	16.659	248	4185	0.403	ng	# 84
22) Hexachlorobenzene	16.772	284	5184	0.408	ng	99
23) Atrazine	16.926	200	2363	0.390	ng	99
24) Pentachlorophenol	17.121	266	1043	0.476	ng	99
25) Phenanthrene	17.521	178	23264	0.406	ng	100
26) Anthracene	17.613	178	18134	0.399	ng	100
28) Fluoranthene	19.535	202	24230	0.407	ng	100
30) Pyrene	19.898	202	27514	0.418	ng	99
32) Benzo(a)anthracene	21.646	228	17741	0.413	ng	99
33) Chrysene	21.700	228	21253	0.415	ng	98
34) Bis(2-ethylhexyl)phtha...	21.566	149	7025	0.406	ng	99
36) Indeno(1,2,3-cd)pyrene	26.843	276	15094	0.383	ng	99
37) Benzo(b)fluoranthene	23.407	252	17235	0.401	ng	97
38) Benzo(k)fluoranthene	23.460	252	16789	0.388	ng	98
39) Benzo(a)pyrene	24.074	252	11918	0.397	ng	97
40) Dibenzo(a,h)anthracene	26.869	278	12106	0.382	ng	96
41) Benzo(g,h,i)perylene	27.664	276	13429	0.386	ng	100

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

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