Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062524\
Data File : BN032265.D
Acq On : 26 Jun 2024 07:07
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 69 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Quant Time: Jun 26 07:46:48 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN061024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 19 11:30:34 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.631	152	8990	0.400	ng		-0.01
7) Naphthalene-d8	10.400	136	26421	0.400	ng		-0.02
13) Acenaphthene-d10	14.263	164	14761	0.400	ng		-0.02
19) Phenanthrene-d10	17.028	188	29500	0.400	ng		0.00
29) Chrysene-d12	21.229	240	25856	0.400	ng		# 0.00
35) Perylene-d12	23.455	264	28470	0.400	ng		# 0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.241	112	8913	0.349	ng		0.00
5) Phenol-d6	6.823	99	10378	0.310	ng		0.00
8) Nitrobenzene-d5	8.787	82	7446	0.339	ng		-0.01
11) 2-Methylnaphthalene-d10	12.001	152	13831	0.329	ng		-0.02
14) 2,4,6-Tribromophenol	15.775	330	2295	0.324	ng		-0.01
15) 2-Fluorobiphenyl	12.895	172	20886	0.373	ng		-0.01
27) Fluoranthene-d10	19.063	212	28004	0.349	ng		0.00
31) Terphenyl-d14	19.667	244	20906	0.331	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.197	88	3952	0.359	ng		96
3) n-Nitrosodimethylamine	3.508	42	3378	0.323	ng		99
6) bis(2-Chloroethyl)ether	7.068	93	8687	0.301	ng		98
9) Naphthalene	10.453	128	25294	0.356	ng		100
10) Hexachlorobutadiene	10.720	225	5256	0.423	ng	#	100
12) 2-Methylnaphthalene	12.077	142	16250	0.334	ng		99
16) Acenaphthylene	13.985	152	22302	0.328	ng		100
17) Acenaphthene	14.328	154	15423	0.352	ng		99
18) Fluorene	15.322	166	18964	0.324	ng		99
20) 4,6-Dinitro-2-methylph...	15.450	198	872	0.315	ng	#	48
21) 4-Bromophenyl-phenylether	16.222	248	6258	0.374	ng		98
22) Hexachlorobenzene	16.321	284	7218	0.416	ng		96
23) Atrazine	16.495	200	4651	0.303	ng		97
24) Pentachlorophenol	16.693	266	2363	0.385	ng		99
25) Phenanthrene	17.066	178	29977	0.366	ng		100
26) Anthracene	17.165	178	26301	0.346	ng		100
28) Fluoranthene	19.096	202	35554	0.358	ng		99
30) Pyrene	19.458	202	37031	0.360	ng		100
32) Benzo(a)anthracene	21.211	228	34468	0.354	ng		100
33) Chrysene	21.265	228	34248	0.372	ng		99
34) Bis(2-ethylhexyl)phtha...	21.130	149	21719	0.327	ng		100
36) Indeno(1,2,3-cd)pyrene	25.700	276	43638	0.411	ng		100
37) Benzo(b)fluoranthene	22.782	252	37972	0.366	ng		97
38) Benzo(k)fluoranthene	22.826	252	38201	0.389	ng		95
39) Benzo(a)pyrene	23.355	252	33064	0.369	ng		95
40) Dibenzo(a,h)anthracene	25.706	278	34845	0.416	ng		100
41) Benzo(g,h,i)perylene	26.387	276	36838	0.410	ng		100

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

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