Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061924\
Data File : BN032072.D
Acq On : 19 Jun 2024 16:54
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Quant Time: Jun 19 17:26:41 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	7.646	152	6795	0.400	ng		0.00
7) Naphthalene-d8	10.421	136	23732	0.400	ng		0.00
13) Acenaphthene-d10	14.285	164	16368	0.400	ng		0.00
19) Phenanthrene-d10	17.029	188	36362	0.400	ng	#	0.00
29) Chrysene-d12	21.229	240	28494	0.400	ng	#	0.00
35) Perylene-d12	23.458	264	23877	0.400	ng	#	0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.248	112	6501	0.336	ng		0.00
5) Phenol-d6	6.830	99	8675	0.342	ng		0.00
8) Nitrobenzene-d5	8.798	82	6693	0.339	ng		0.00
11) 2-Methylnaphthalene-d10	12.021	152	15103	0.400	ng		0.00
14) 2,4,6-Tribromophenol	15.787	330	2467	0.314	ng		0.00
15) 2-Fluorobiphenyl	12.906	172	23183	0.373	ng		0.00
27) Fluoranthene-d10	19.073	212	36921	0.373	ng		0.00
31) Terphenyl-d14	19.676	244	29462	0.423	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.204	88	2868	0.345	ng		97
3) n-Nitrosodimethylamine	3.515	42	2672	0.338	ng		98
6) bis(2-Chloroethyl)ether	7.083	93	7344	0.337	ng		99
9) Naphthalene	10.475	128	24367	0.381	ng		99
10) Hexachlorobutadiene	10.752	225	4442	0.398	ng	#	100
12) 2-Methylnaphthalene	12.096	142	17467	0.400	ng		100
16) Acenaphthylene	14.007	152	25721	0.341	ng		100
17) Acenaphthene	14.349	154	18276	0.376	ng		100
18) Fluorene	15.343	166	24269	0.374	ng		100
20) 4,6-Dinitro-2-methylph...	15.450	198	1099	0.318	ng	#	74
21) 4-Bromophenyl-phenylether	16.234	248	7924	0.384	ng		98
22) Hexachlorobenzene	16.334	284	8591	0.402	ng		99
23) Atrazine	16.507	200	5912	0.313	ng		100
24) Pentachlorophenol	16.694	266	2655	0.366	ng		99
25) Phenanthrene	17.078	178	38905	0.386	ng		100
26) Anthracene	17.165	178	33347	0.356	ng		100
28) Fluoranthene	19.100	202	45629	0.373	ng		99
30) Pyrene	19.467	202	46052	0.407	ng		100
32) Benzo(a)anthracene	21.220	228	39945	0.372	ng		99
33) Chrysene	21.265	228	39233	0.387	ng		99
34) Bis(2-ethylhexyl)phtha...	21.148	149	23609	0.322	ng		99
36) Indeno(1,2,3-cd)pyrene	25.703	276	35224	0.395	ng		100
37) Benzo(b)fluoranthene	22.785	252	36869	0.424	ng		98
38) Benzo(k)fluoranthene	22.829	252	36064	0.438	ng		99
39) Benzo(a)pyrene	23.361	252	29277	0.390	ng		98
40) Dibenzo(a,h)anthracene	25.715	278	28337	0.404	ng		98
41) Benzo(g,h,i)perylene	26.384	276	29901	0.396	ng		98

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

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