Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071024\
Data File : BN032609.D
Acq On : 10 Jul 2024 09:24
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Quant Time: Jul 10 11:14:51 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN070924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 09 02:39:48 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.581	152	4851	0.400	ng		0.00
7) Naphthalene-d8	10.368	136	14810	0.400	ng		-0.01
13) Acenaphthene-d10	14.231	164	9946	0.400	ng		0.00
19) Phenanthrene-d10	17.004	188	19848	0.400	ng		0.00
29) Chrysene-d12	21.211	240	14661	0.400	ng		0.00
35) Perylene-d12	23.426	264	15141	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.205	112	4359	0.356	ng		0.00
5) Phenol-d6	6.801	99	5201	0.332	ng		-0.02
8) Nitrobenzene-d5	8.788	82	3742	0.338	ng		-0.01
11) 2-Methylnaphthalene-d10	11.983	152	8802	0.376	ng		0.00
14) 2,4,6-Tribromophenol	15.763	330	1281	0.284	ng		0.00
15) 2-Fluorobiphenyl	12.863	172	13563	0.370	ng		0.00
27) Fluoranthene-d10	19.040	212	17687	0.342	ng		0.00
31) Terphenyl-d14	19.644	244	13303	0.372	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.161	88	2499	0.391	ng		97
3) n-Nitrosodimethylamine	3.486	42	1774	0.383	ng	#	98
6) bis(2-Chloroethyl)ether	7.032	93	4398	0.407	ng		98
9) Naphthalene	10.421	128	15621	0.386	ng		99
10) Hexachlorobutadiene	10.656	225	3061	0.380	ng	#	99
12) 2-Methylnaphthalene	12.058	142	10191	0.376	ng		100
16) Acenaphthylene	13.954	152	14274	0.333	ng		100
17) Acenaphthene	14.296	154	11043	0.371	ng		99
18) Fluorene	15.290	166	14098	0.361	ng		100
20) 4,6-Dinitro-2-methylph...	15.493	198	509	0.362	ng		85
21) 4-Bromophenyl-phenylether	16.197	248	4574	0.388	ng		97
22) Hexachlorobenzene	16.284	284	5099	0.393	ng		98
23) Atrazine	16.483	200	2864	0.311	ng		98
24) Pentachlorophenol	16.681	266	1305	0.388	ng		98
25) Phenanthrene	17.041	178	19968	0.370	ng		100
26) Anthracene	17.140	178	14619	0.337	ng		99
28) Fluoranthene	19.073	202	22149	0.340	ng		100
30) Pyrene	19.435	202	22897	0.384	ng		100
32) Benzo(a)anthracene	21.202	228	15065	0.311	ng		100
33) Chrysene	21.247	228	24487	0.425	ng		100
34) Bis(2-ethylhexyl)phtha...	21.095	149	9744	0.296	ng		99
36) Indeno(1,2,3-cd)pyrene	25.668	276	23495	0.406	ng		99
37) Benzo(b)fluoranthene	22.762	252	18334	0.363	ng		99
38) Benzo(k)fluoranthene	22.806	252	23439	0.403	ng		100
39) Benzo(a)pyrene	23.338	252	17573	0.368	ng		100
40) Dibenzo(a,h)anthracene	25.677	278	18632	0.406	ng		97
41) Benzo(g,h,i)perylene	26.338	276	21561	0.431	ng		97

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

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