Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111424\
Data File : BN035095.D
Acq On : 14 Nov 2024 19:35
Operator : RC/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Quant Time: Nov 15 01:08:16 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN111324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 13 17:18:14 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.553	152	2818	0.400	ng	0.00
7) Naphthalene-d8	10.319	136	7305	0.400	ng	0.00
13) Acenaphthene-d10	14.186	164	5712	0.400	ng	0.00
19) Phenanthrene-d10	16.939	188	13926	0.400	ng	0.00
29) Chrysene-d12	21.131	240	13496	0.400	ng	# 0.00
35) Perylene-d12	23.301	264	13483	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.177	112	2568	0.359	ng	0.00
5) Phenol-d6	6.737	99	3375	0.376	ng	0.00
8) Nitrobenzene-d5	8.685	82	2256	0.355	ng	-0.01
11) 2-Methylnaphthalene-d10	11.912	152	4913	0.377	ng	0.00
14) 2,4,6-Tribromophenol	15.686	330	1297	0.315	ng	0.00
15) 2-Fluorobiphenyl	12.807	172	8422	0.363	ng	0.00
27) Fluoranthene-d10	18.971	212	15107	0.354	ng	0.00
31) Terphenyl-d14	19.584	244	11237	0.397	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.176	88	905	0.354	ng	100
3) n-Nitrosodimethylamine	3.473	42	828	0.347	ng	# 99
6) bis(2-Chloroethyl)ether	6.990	93	2498	0.371	ng	98
9) Naphthalene	10.361	128	7144	0.375	ng	100
10) Hexachlorobutadiene	10.660	225	2129	0.381	ng	# 99
12) 2-Methylnaphthalene	11.984	142	5357	0.381	ng	99
16) Acenaphthylene	13.898	152	8520	0.349	ng	99
17) Acenaphthene	14.250	154	5791	0.362	ng	99
18) Fluorene	15.245	166	8299	0.353	ng	98
20) 4,6-Dinitro-2-methylph...	15.319	198	786	0.271	ng	# 85
21) 4-Bromophenyl-phenylether	16.132	248	3330	0.375	ng	# 72
22) Hexachlorobenzene	16.244	284	3574	0.388	ng	100
23) Atrazine	16.418	200	2632	0.331	ng	96
24) Pentachlorophenol	16.592	266	1253	0.291	ng	97
25) Phenanthrene	16.977	178	13777	0.376	ng	99
26) Anthracene	17.063	178	12348	0.367	ng	99
28) Fluoranthene	19.003	202	18018	0.358	ng	100
30) Pyrene	19.366	202	18421	0.410	ng	100
32) Benzo(a)anthracene	21.122	228	17749	0.378	ng	99
33) Chrysene	21.167	228	17938	0.385	ng	98
34) Bis(2-ethylhexyl)phtha...	21.077	149	7837	0.318	ng	99
36) Indeno(1,2,3-cd)pyrene	25.449	276	18051	0.336	ng	98
37) Benzo(b)fluoranthene	22.657	252	18441	0.407	ng	100
38) Benzo(k)fluoranthene	22.698	252	18803	0.414	ng	99
39) Benzo(a)pyrene	23.204	252	15319	0.384	ng	99
40) Dibenzo(a,h)anthracene	25.464	278	14439	0.339	ng	97
41) Benzo(g,h,i)perylene	26.101	276	14512	0.320	ng	99

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

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