Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN041524\
Data File : BN030947.D
Acq On : 15 Apr 2024 20:50
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Quant Time: Apr 16 00:17:58 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN041524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 15 17:03:47 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.653	152	4376	0.400	ng		0.00
7) Naphthalene-d8	10.431	136	13365	0.400	ng		0.00
13) Acenaphthene-d10	14.295	164	7566	0.400	ng		0.00
19) Phenanthrene-d10	17.040	188	17241	0.400	ng		0.00
29) Chrysene-d12	21.240	240	15488	0.400	ng	#	0.00
35) Perylene-d12	23.457	264	15785	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.248	112	3656	0.375	ng		0.00
5) Phenol-d6	6.822	99	4375	0.371	ng		0.00
8) Nitrobenzene-d5	8.798	82	3412	0.369	ng		0.00
11) 2-Methylnaphthalene-d10	12.024	152	7705	0.375	ng		0.00
14) 2,4,6-Tribromophenol	15.786	330	1002	0.341	ng		0.00
15) 2-Fluorobiphenyl	12.915	172	10174	0.400	ng		0.01
27) Fluoranthene-d10	19.075	212	17274	0.372	ng		0.00
31) Terphenyl-d14	19.683	244	13600	0.378	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.190	88	1989	0.370	ng		99
3) n-Nitrosodimethylamine	3.507	42	1904	0.378	ng	#	96
6) bis(2-Chloroethyl)ether	7.082	93	4245	0.364	ng		99
9) Naphthalene	10.474	128	14159	0.384	ng		100
10) Hexachlorobutadiene	10.762	225	2946	0.398	ng	#	98
12) 2-Methylnaphthalene	12.100	142	9208	0.376	ng		99
16) Acenaphthylene	14.006	152	11989	0.359	ng		100
17) Acenaphthene	14.348	154	8971	0.381	ng		99
18) Fluorene	15.342	166	11883	0.381	ng		99
20) 4,6-Dinitro-2-methylph...	15.428	198	712	0.375	ng		94
21) 4-Bromophenyl-phenylether	16.233	248	3832	0.374	ng		97
22) Hexachlorobenzene	16.345	284	4651	0.389	ng		99
23) Atrazine	16.519	200	2574	0.347	ng	#	88
24) Pentachlorophenol	16.692	266	1215	0.384	ng		98
25) Phenanthrene	17.077	178	19294	0.379	ng		100
26) Anthracene	17.177	178	15061	0.358	ng		100
28) Fluoranthene	19.107	202	22571	0.370	ng		100
30) Pyrene	19.469	202	22971	0.382	ng		100
32) Benzo(a)anthracene	21.222	228	19822	0.367	ng		99
33) Chrysene	21.276	228	22430	0.382	ng		99
34) Bis(2-ethylhexyl)phtha...	21.159	149	8569	0.347	ng		98
36) Indeno(1,2,3-cd)pyrene	25.688	276	27858	0.379	ng		98
37) Benzo(b)fluoranthene	22.787	252	25609	0.393	ng		96
38) Benzo(k)fluoranthene	22.831	252	24501	0.384	ng		98
39) Benzo(a)pyrene	23.357	252	21674	0.400	ng	#	94
40) Dibenzo(a,h)anthracene	25.705	278	22098	0.376	ng		100
41) Benzo(g,h,i)perylene	26.366	276	24118	0.373	ng		99

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

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