Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN022323\
Data File : BN024098.D
Acq On : 23 Feb 2023 13:39
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Quant Time: Feb 24 02:18:05 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN020723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 23 03:52:37 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.826	152	4087	0.400	ng		0.00
7) Naphthalene-d8	10.626	136	10507	0.400	ng		# 0.00
13) Acenaphthene-d10	14.474	164	5844	0.400	ng		0.00
19) Phenanthrene-d10	17.228	188	11157	0.400	ng		0.00
29) Chrysene-d12	21.419	240	8092	0.400	ng		0.00
35) Perylene-d12	23.811	264	6196	0.400	ng		# 0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.385	112	3308	0.389	ng		0.00
5) Phenol-d6	6.995	99	3982	0.398	ng		0.00
8) Nitrobenzene-d5	8.993	82	3320	0.394	ng		0.00
11) 2-Methylnaphthalene-d10	12.219	152	5597	0.383	ng		0.00
14) 2,4,6-Tribromophenol	15.975	330	876	0.291	ng		0.00
15) 2-Fluorobiphenyl	13.095	172	9797	0.424	ng		-0.01
27) Fluoranthene-d10	19.258	212	9671	0.357	ng		0.00
31) Terphenyl-d14	19.861	244	6318	0.418	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.261	88	1612	0.416	ng		97
3) n-Nitrosodimethylamine	3.593	42	1570	0.362	ng	#	99
6) bis(2-Chloroethyl)ether	7.255	93	4360	0.436	ng		98
9) Naphthalene	10.680	128	10792	0.412	ng		100
10) Hexachlorobutadiene	10.957	225	2814	0.409	ng	#	100
12) 2-Methylnaphthalene	12.295	142	6951	0.399	ng		98
16) Acenaphthylene	14.196	152	8567	0.376	ng		100
17) Acenaphthene	14.538	154	6423	0.415	ng		98
18) Fluorene	15.522	166	8097	0.386	ng		100
20) 4,6-Dinitro-2-methylph...	15.618	198	505	0.387	ng	#	60
21) 4-Bromophenyl-phenylether	16.422	248	2848	0.393	ng		100
22) Hexachlorobenzene	16.533	284	3823	0.438	ng		97
23) Atrazine	16.695	200	1702	0.359	ng		97
24) Pentachlorophenol	16.881	266	972	0.398	ng		95
25) Phenanthrene	17.266	178	12499	0.406	ng		99
26) Anthracene	17.352	178	9238	0.365	ng		98
28) Fluoranthene	19.288	202	12711	0.360	ng		100
30) Pyrene	19.654	202	12524	0.446	ng		99
32) Benzo(a)anthracene	21.401	228	9457	0.365	ng		98
33) Chrysene	21.455	228	11648	0.417	ng		100
34) Bis(2-ethylhexyl)phtha...	21.330	149	4424	0.374	ng		98
36) Indeno(1,2,3-cd)pyrene	26.278	276	10819	0.384	ng		98
37) Benzo(b)fluoranthene	23.083	252	10163	0.405	ng	#	93
38) Benzo(k)fluoranthene	23.127	252	10001	0.404	ng	#	93
39) Benzo(a)pyrene	23.703	252	7242	0.381	ng	#	87
40) Dibenzo(a,h)anthracene	26.296	278	8749	0.388	ng		96
41) Benzo(g,h,i)perylene	27.035	276	9840	0.412	ng		95

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

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