Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082523\
Data File : BN027122.D
Acq On : 25 Aug 2023 17:09
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Quant Time: Aug 26 02:17:06 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Aug 26 02:13:59 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.088	152	6734	0.400	ng		0.00
7) Naphthalene-d8	10.906	136	16722	0.400	ng	#	0.00
13) Acenaphthene-d10	14.705	164	11355	0.400	ng		0.00
19) Phenanthrene-d10	17.455	188	25250	0.400	ng	#	0.00
29) Chrysene-d12	21.632	240	21654	0.400	ng		0.00
35) Perylene-d12	24.171	264	23525	0.400	ng	#	0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.603	112	6744	0.355	ng		0.00
5) Phenol-d6	7.221	99	8128	0.347	ng		0.00
8) Nitrobenzene-d5	9.272	82	5269	0.373	ng		0.00
11) 2-Methylnaphthalene-d10	12.483	152	10380	0.391	ng		0.00
14) 2,4,6-Tribromophenol	16.201	330	1723	0.285	ng		0.00
15) 2-Fluorobiphenyl	13.336	172	16546	0.393	ng		0.00
27) Fluoranthene-d10	19.476	212	25090	0.387	ng		0.00
31) Terphenyl-d14	20.062	244	17181	0.380	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.473	88	3224	0.445	ng		95
3) n-Nitrosodimethylamine	3.812	42	3249	0.403	ng		96
6) bis(2-Chloroethyl)ether	7.510	93	7710	0.391	ng		99
9) Naphthalene	10.959	128	17119	0.389	ng		99
10) Hexachlorobutadiene	11.194	225	3816	0.424	ng	#	100
12) 2-Methylnaphthalene	12.559	142	13258	0.386	ng		99
16) Acenaphthylene	14.437	152	20368	0.376	ng		100
17) Acenaphthene	14.769	154	13212	0.395	ng		98
18) Fluorene	15.755	166	17738	0.395	ng		99
20) 4,6-Dinitro-2-methylph...	16.909	198	161	0.407	ng	#	49
21) 4-Bromophenyl-phenylether	16.648	248	5452	0.378	ng		98
22) Hexachlorobenzene	16.723	284	6454	0.419	ng		99
23) Atrazine	16.909	200	4360	0.340	ng		97
24) Pentachlorophenol	17.083	266	2290	0.295	ng		98
25) Phenanthrene	17.492	178	28912	0.398	ng		100
26) Anthracene	17.592	178	24392	0.360	ng		99
28) Fluoranthene	19.509	202	33817	0.393	ng		100
30) Pyrene	19.876	202	34938	0.419	ng		100
32) Benzo(a)anthracene	21.614	228	29087	0.372	ng		100
33) Chrysene	21.668	228	31967	0.405	ng		99
34) Bis(2-ethylhexyl)phtha...	21.497	149	18138	0.322	ng	#	99
36) Indeno(1,2,3-cd)pyrene	26.849	276	32434	0.337	ng		100
37) Benzo(b)fluoranthene	23.382	252	30456	0.387	ng		96
38) Benzo(k)fluoranthene	23.434	252	30773	0.380	ng		96
39) Benzo(a)pyrene	24.054	252	29719	0.377	ng	#	93
40) Dibenzo(a,h)anthracene	26.875	278	25547	0.333	ng		97
41) Benzo(g,h,i)perylene	27.682	276	27544	0.334	ng		99

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

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