Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN011623\
Data File : BN023672.D
Acq On : 16 Jan 2023 19:40
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Quant Time: Jan 17 04:35:55 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN011223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 17 04:31:57 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.948	152	5090	0.400	ng		0.00
7) Naphthalene-d8	10.765	136	14710	0.400	ng		0.01
13) Acenaphthene-d10	14.602	164	7938	0.400	ng		0.01
19) Phenanthrene-d10	17.352	188	16282	0.400	ng	#	0.01
29) Chrysene-d12	21.544	240	12084	0.400	ng		0.00
35) Perylene-d12	23.974	264	8349	0.400	ng		0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.493	112	3805	0.377	ng		0.00
5) Phenol-d6	7.110	99	4823	0.370	ng		0.00
8) Nitrobenzene-d5	9.121	82	4154	0.375	ng		0.01
11) 2-Methylnaphthalene-d10	12.355	152	7435	0.366	ng		0.00
14) 2,4,6-Tribromophenol	16.099	330	1172	0.341	ng		0.01
15) 2-Fluorobiphenyl	13.223	172	12537	0.391	ng		0.00
27) Fluoranthene-d10	19.384	212	13630	0.342	ng		0.00
31) Terphenyl-d14	19.979	244	13120	0.429	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.340	88	1759	0.385	ng		99
3) n-Nitrosodimethylamine	3.680	42	1960	0.383	ng	#	98
6) bis(2-Chloroethyl)ether	7.370	93	5330	0.388	ng		99
9) Naphthalene	10.818	128	14646	0.376	ng		99
10) Hexachlorobutadiene	11.107	225	3115	0.396	ng	#	98
12) 2-Methylnaphthalene	12.427	142	10243	0.367	ng		99
16) Acenaphthylene	14.324	152	11054	0.345	ng		99
17) Acenaphthene	14.666	154	8583	0.365	ng		100
18) Fluorene	15.650	166	11679	0.370	ng		99
20) 4,6-Dinitro-2-methylph...	15.726	198	631	0.357	ng	#	79
21) 4-Bromophenyl-phenylether	16.546	248	3521	0.379	ng	#	79
22) Hexachlorobenzene	16.657	284	4698	0.405	ng		99
23) Atrazine	16.806	200	2265	0.354	ng	#	93
24) Pentachlorophenol	17.005	266	1289	0.321	ng		96
25) Phenanthrene	17.390	178	17843	0.374	ng		99
26) Anthracene	17.476	178	13444	0.352	ng		100
28) Fluoranthene	19.414	202	18545	0.344	ng		100
30) Pyrene	19.776	202	18336	0.396	ng		100
32) Benzo(a)anthracene	21.527	228	14426	0.369	ng		99
33) Chrysene	21.580	228	16508	0.384	ng		99
34) Bis(2-ethylhexyl)phtha...	21.446	149	6734	0.369	ng		99
36) Indeno(1,2,3-cd)pyrene	26.512	276	13217	0.353	ng		100
37) Benzo(b)fluoranthene	23.229	252	13855	0.388	ng		99
38) Benzo(k)fluoranthene	23.278	252	13546	0.390	ng		99
39) Benzo(a)pyrene	23.866	252	9688	0.360	ng		98
40) Dibenzo(a,h)anthracene	26.532	278	10360	0.346	ng		99
41) Benzo(g,h,i)perylene	27.296	276	11219	0.366	ng		99

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

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