Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052623\
Data File : BN025699.D
Acq On : 29 May 2023 02:57
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 98 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Quant Time: May 29 03:33:54 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN052623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 29 00:47:45 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.019	152	5881	0.400	ng		0.00
7) Naphthalene-d8	10.835	136	16942	0.400	ng		0.00
13) Acenaphthene-d10	14.651	164	9674	0.400	ng		0.00
19) Phenanthrene-d10	17.393	188	19802	0.400	ng	#	0.00
29) Chrysene-d12	21.569	240	11227	0.400	ng		0.00
35) Perylene-d12	24.057	264	9779	0.400	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.557	112	6148	0.408	ng		0.00
5) Phenol-d6	7.167	99	7454	0.413	ng		0.00
8) Nitrobenzene-d5	9.180	82	5652	0.398	ng		-0.01
11) 2-Methylnaphthalene-d10	12.415	152	9961	0.412	ng		0.00
14) 2,4,6-Tribromophenol	16.140	330	944	0.483	ng		-0.01
15) 2-Fluorobiphenyl	13.272	172	16124	0.404	ng		-0.01
27) Fluoranthene-d10	19.416	212	17573	0.392	ng		0.00
31) Terphenyl-d14	20.011	244	10918	0.444	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.390	88	2952	0.433	ng		99
3) n-Nitrosodimethylamine	3.744	42	2413	0.329	ng	#	90
6) bis(2-Chloroethyl)ether	7.434	93	7922	0.426	ng		99
9) Naphthalene	10.878	128	19366	0.418	ng		99
10) Hexachlorobutadiene	11.166	225	3278	0.408	ng	#	95
12) 2-Methylnaphthalene	12.487	142	13093	0.411	ng		99
16) Acenaphthylene	14.373	152	18114	0.397	ng		99
17) Acenaphthene	14.705	154	12403	0.412	ng		99
18) Fluorene	15.693	166	16350	0.411	ng		100
20) 4,6-Dinitro-2-methylph...	15.780	198	1040	0.491	ng	#	64
21) 4-Bromophenyl-phenylether	16.586	248	4595	0.409	ng	#	79
22) Hexachlorobenzene	16.698	284	4247	0.413	ng		99
23) Atrazine	16.847	200	3504	0.391	ng	#	91
24) Pentachlorophenol	17.071	266	643	0.792	ng	#	81
25) Phenanthrene	17.431	178	25019	0.415	ng		99
26) Anthracene	17.530	178	21915	0.402	ng		99
28) Fluoranthene	19.449	202	25874	0.394	ng		99
30) Pyrene	19.811	202	26105	0.478	ng		99
32) Benzo(a)anthracene	21.551	228	16747	0.400	ng		99
33) Chrysene	21.605	228	19724	0.435	ng		99
34) Bis(2-ethylhexyl)phtha...	21.462	149	11028	0.433	ng	#	99
36) Indeno(1,2,3-cd)pyrene	26.662	276	16905	0.451	ng	#	61
37) Benzo(b)fluoranthene	23.294	252	15636	0.420	ng		99
38) Benzo(k)fluoranthene	23.341	252	15674	0.404	ng		100
39) Benzo(a)pyrene	23.946	252	15171	0.426	ng		96
40) Dibenzo(a,h)anthracene	26.677	278	13184	0.444	ng		96
41) Benzo(g,h,i)perylene	27.463	276	15253	0.450	ng		98

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

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