Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062723\
Data File : BN026048.D
Acq On : 27 Jun 2023 21:50
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Quant Time: Jun 28 05:51:35 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN062723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 28 05:23:31 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.969	152	5019	0.400	ng		0.00
7) Naphthalene-d8	10.782	136	15947	0.400	ng		0.00
13) Acenaphthene-d10	14.609	164	9924	0.400	ng		0.00
19) Phenanthrene-d10	17.356	188	19820	0.400	ng		0.00
29) Chrysene-d12	21.542	240	10415	0.400	ng		0.00
35) Perylene-d12	24.010	264	9610	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.521	112	5016	0.412	ng		0.00
5) Phenol-d6	7.138	99	6387	0.412	ng		0.00
8) Nitrobenzene-d5	9.148	82	5302	0.389	ng		0.00
11) 2-Methylnaphthalene-d10	12.374	152	9702	0.416	ng		0.00
14) 2,4,6-Tribromophenol	16.102	330	1408	0.390	ng		0.00
15) 2-Fluorobiphenyl	13.240	172	15424	0.403	ng		0.00
27) Fluoranthene-d10	19.384	212	17097	0.407	ng		0.00
31) Terphenyl-d14	19.978	244	10679	0.401	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.361	88	2101	0.396	ng		91
3) n-Nitrosodimethylamine	3.715	42	2177	0.405	ng	#	92
6) bis(2-Chloroethyl)ether	7.391	93	5055	0.396	ng		98
9) Naphthalene	10.835	128	18223	0.422	ng		100
10) Hexachlorobutadiene	11.113	225	3462	0.415	ng	#	99
12) 2-Methylnaphthalene	12.445	142	12656	0.417	ng		100
16) Acenaphthylene	14.331	152	18675	0.401	ng		99
17) Acenaphthene	14.673	154	12362	0.411	ng		99
18) Fluorene	15.656	166	16276	0.415	ng		100
20) 4,6-Dinitro-2-methylph...	15.755	198	1241	0.489	ng	#	81
21) 4-Bromophenyl-phenylether	16.549	248	4642	0.410	ng		99
22) Hexachlorobenzene	16.661	284	4765	0.420	ng		99
23) Atrazine	16.810	200	3979	0.409	ng		98
24) Pentachlorophenol	17.008	266	2250	0.421	ng		95
25) Phenanthrene	17.393	178	24133	0.416	ng		100
26) Anthracene	17.493	178	20905	0.400	ng		99
28) Fluoranthene	19.416	202	24633	0.404	ng		99
30) Pyrene	19.779	202	24361	0.422	ng		99
32) Benzo(a)anthracene	21.524	228	15271	0.407	ng		99
33) Chrysene	21.578	228	16532	0.396	ng		99
34) Bis(2-ethylhexyl)phtha...	21.435	149	13893	0.415	ng		98
36) Indeno(1,2,3-cd)pyrene	26.601	276	16845	0.427	ng		99
37) Benzo(b)fluoranthene	23.256	252	14315	0.411	ng		100
38) Benzo(k)fluoranthene	23.300	252	14214	0.377	ng		98
39) Benzo(a)pyrene	23.908	252	13798	0.403	ng		100
40) Dibenzo(a,h)anthracene	26.615	278	13232	0.428	ng		99
41) Benzo(g,h,i)perylene	27.396	276	15377	0.427	ng		99

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

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