Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052323\
Data File : BN025568.D
Acq On : 23 May 2023 10:35
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Quant Time: May 24 03:46:56 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN052223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 23 03:22:57 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.063	152	4383	0.400	ng		0.00
7) Naphthalene-d8	10.878	136	12728	0.400	ng		#-0.01
13) Acenaphthene-d10	14.694	164	7372	0.400	ng		0.00
19) Phenanthrene-d10	17.435	188	16487	0.400	ng		# 0.00
29) Chrysene-d12	21.616	240	12324	0.400	ng		0.00
35) Perylene-d12	24.132	264	12411	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.600	112	5188	0.460	ng		0.00
5) Phenol-d6	7.210	99	6491	0.457	ng		0.00
8) Nitrobenzene-d5	9.223	82	4812	0.411	ng		-0.01
11) 2-Methylnaphthalene-d10	12.464	152	7581	0.406	ng		0.00
14) 2,4,6-Tribromophenol	16.181	330	1259	0.409	ng		0.00
15) 2-Fluorobiphenyl	13.326	172	13303	0.416	ng		0.00
27) Fluoranthene-d10	19.456	212	15389	0.394	ng		0.00
31) Terphenyl-d14	20.049	244	10718	0.420	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.448	88	2043	0.403	ng		98
3) n-Nitrosodimethylamine	3.780	42	2164	0.360	ng	#	97
6) bis(2-Chloroethyl)ether	7.478	93	5599	0.430	ng		100
9) Naphthalene	10.931	128	14360	0.407	ng		99
10) Hexachlorobutadiene	11.220	225	2505	0.407	ng	#	99
12) 2-Methylnaphthalene	12.536	142	10049	0.402	ng		99
16) Acenaphthylene	14.416	152	14349	0.397	ng		100
17) Acenaphthene	14.758	154	10006	0.401	ng		99
18) Fluorene	15.734	166	12391	0.398	ng		99
20) 4,6-Dinitro-2-methylph...	15.797	198	1438	0.330	ng	#	71
21) 4-Bromophenyl-phenylether	16.628	248	3976	0.407	ng	#	91
22) Hexachlorobenzene	16.740	284	3510	0.403	ng		99
23) Atrazine	16.876	200	3254	0.378	ng	#	93
24) Pentachlorophenol	17.075	266	1893	0.385	ng		98
25) Phenanthrene	17.472	178	20978	0.396	ng		100
26) Anthracene	17.559	178	18998	0.394	ng		100
28) Fluoranthene	19.486	202	22879	0.391	ng		100
30) Pyrene	19.848	202	23263	0.418	ng		100
32) Benzo(a)anthracene	21.598	228	19943	0.409	ng		99
33) Chrysene	21.652	228	20767	0.410	ng		100
34) Bis(2-ethylhexyl)phtha...	21.518	149	12080	0.398	ng		99
36) Indeno(1,2,3-cd)pyrene	26.763	276	21409	0.378	ng		99
37) Benzo(b)fluoranthene	23.357	252	19859	0.397	ng		98
38) Benzo(k)fluoranthene	23.410	252	20056	0.394	ng		99
39) Benzo(a)pyrene	24.015	252	18384	0.400	ng		97
40) Dibenzo(a,h)anthracene	26.790	278	17170	0.373	ng		98
41) Benzo(g,h,i)perylene	27.565	276	17338	0.358	ng		99

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

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