Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042621\
Data File : BN014450.D
Acq On : 26 Apr 2021 19:42
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Manual Integrations APPROVED
mohammad
4/27/2021 12:12:00 PM

Quant Time: Apr 27 04:10:23 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN042221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 26 12:30:05 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.684	152	7827	0.40	ng		0.00
7) Naphthalene-d8	10.454	136	29859	0.40	ng		0.00
13) Acenaphthene-d10	14.308	164	16552	0.40	ng		0.00
19) Phenanthrene-d10	17.055	188	35484	0.40	ng	#	0.00
29) Chrysene-d12	21.258	240	30639	0.40	ng	#	0.00
36) Perylene-d12	23.483	264	27904	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.284	112	7682	0.48	ng		0.00
5) Phenol-d6	6.847	99	9802	0.50	ng		0.00
8) Nitrobenzene-d5	8.819	82	6863	0.27	ng		0.00
11) 2-Methylnaphthalene-d10	12.048	152	20963	0.47	ng		0.00
14) 2,4,6-Tribromophenol	15.805	330	2120	0.40	ng		0.00
15) 2-Fluorobiphenyl	12.938	172	27874	0.43	ng		0.01
27) Fluoranthene-d10	19.096	212	38931	0.41	ng		0.00
31) Terphenyl-d14	19.702	244	29842	0.46	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.247	88	4371	0.46	ng		93
3) n-Nitrosodimethylamine	3.593	42	1558	0.39	ng	#	1
6) bis(2-Chloroethyl)ether	7.112	93	8782	0.45	ng		97
9) Naphthalene	10.505	128	34053	0.46	ng		100
10) Hexachlorobutadiene	10.796	225	6397	0.39	ng	#	99
12) 2-Methylnaphthalene	12.120	142	22722	0.47	ng		99
16) Acenaphthylene	14.029	152	26016	0.37	ng		100
17) Acenaphthene	14.371	154	19833	0.43	ng		98
18) Fluorene	15.361	166	24582	0.43	ng		100
20) 4,6-Dinitro-2-methylph...	15.437	198	1022	0.26	ng	#	38
21) 4-Bromophenyl-phenylether	16.252	248	7633	0.38	ng	#	81
22) Hexachlorobenzene	16.373	284	10202	0.37	ng		99
23) Atrazine	16.519	200	4041	0.35	ng	#	95
24) Pentachlorophenol	16.714	266	1812	0.36	ng		99
25) Phenanthrene	17.103	178	41806	0.42	ng		100
26) Anthracene	17.189	178	32585	0.42	ng		99
28) Fluoranthene	19.126	202	43747	0.41	ng		99
30) Pyrene	19.493	202	43886	0.48	ng		100
32) Benzo(a)anthracene	21.247	228	37026	0.46	ng		99
33) Chrysene	21.290	228	43116	0.45	ng		98
34) Bis(2-ethylhexyl)phtha...	21.183	149	11363	0.40	ng		98
35) Indeno(1,2,3-cd)pyrene	25.711	276	48639	0.46	ng		99
37) Benzo(b)fluoranthene	22.816	252	43558m	0.42	ng		
38) Benzo(k)fluoranthene	22.857	252	45752	0.44	ng		100
39) Benzo(a)pyrene	23.384	252	40461	0.46	ng	#	88
40) Dibenzo(a,h)anthracene	25.728	278	39956	0.41	ng		99
41) Benzo(g,h,i)perylene	26.392	276	41573	0.41	ng		98

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

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