Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042621\
Data File : BN014438.D
Acq On : 26 Apr 2021 11:25
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Manual Integrations APPROVED
mohammad
4/27/2021 12:11:55 PM

Quant Time: Apr 26 12:30:28 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	7.676	152	6394	0.40	ng		0.00
7) Naphthalene-d8	10.454	136	22248	0.40	ng		0.00
13) Acenaphthene-d10	14.308	164	10736	0.40	ng		0.00
19) Phenanthrene-d10	17.055	188	24370	0.40	ng	#	0.00
29) Chrysene-d12	21.261	240	25113	0.40	ng	#	0.00
36) Perylene-d12	23.482	264	21267	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.284	112	5030	0.38	ng		0.00
5) Phenol-d6	6.847	99	6715	0.42	ng		0.00
8) Nitrobenzene-d5	8.819	82	4312	0.23	ng		0.00
11) 2-Methylnaphthalene-d10	12.044	152	12393	0.37	ng		0.00
14) 2,4,6-Tribromophenol	15.805	330	1258	0.36	ng		0.00
15) 2-Fluorobiphenyl	12.925	172	17589	0.41	ng		0.00
27) Fluoranthene-d10	19.099	212	25291	0.39	ng		0.00
31) Terphenyl-d14	19.700	244	18314	0.34	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.247	88	3415	0.44	ng	#	95
3) n-Nitrosodimethylamine	3.585	42	1799	0.50	ng	#	73
6) bis(2-Chloroethyl)ether	7.104	93	6579	0.42	ng		98
9) Naphthalene	10.505	128	22673	0.41	ng		99
10) Hexachlorobutadiene	10.796	225	4821	0.40	ng	#	100
12) 2-Methylnaphthalene	12.120	142	13922	0.39	ng		99
16) Acenaphthylene	14.029	152	16495	0.36	ng		100
17) Acenaphthene	14.372	154	11765	0.39	ng		93
18) Fluorene	15.361	166	15760	0.42	ng		99
20) 4,6-Dinitro-2-methylph...	15.437	198	681	0.25	ng	#	1
21) 4-Bromophenyl-phenylether	16.252	248	4880	0.36	ng	#	88
22) Hexachlorobenzene	16.374	284	7626	0.40	ng		97
23) Atrazine	16.520	200	1798	0.23	ng	#	93
24) Pentachlorophenol	16.715	266	1280	0.37	ng		99
25) Phenanthrene	17.104	178	26536	0.39	ng		100
26) Anthracene	17.189	178	18998	0.35	ng		100
28) Fluoranthene	19.129	202	29387	0.40	ng		99
30) Pyrene	19.491	202	27349	0.37	ng		100
32) Benzo(a)anthracene	21.239	228	25376	0.38	ng		98
33) Chrysene	21.293	228	29027	0.37	ng		98
34) Bis(2-ethylhexyl)phtha...	21.186	149	20923	0.89	ng		97
35) Indeno(1,2,3-cd)pyrene	25.718	276	29445	0.34	ng		99
37) Benzo(b)fluoranthene	22.818	252	29248m	0.37	ng		
38) Benzo(k)fluoranthene	22.859	252	30932	0.39	ng		99
39) Benzo(a)pyrene	23.387	252	25243	0.38	ng	#	93
40) Dibenzo(a,h)anthracene	25.731	278	23514	0.32	ng		98
41) Benzo(g,h,i)perylene	26.395	276	25210	0.32	ng		97

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

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