Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN040121\
Data File : BN014172.D
Acq On : 01 Apr 2021 10:31
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Manual Integrations APPROVED
mohammad
4/2/2021 12:09:20 PM

Quant Time: Apr 01 11:05:47 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN032621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 31 12:15:38 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.692	152	6376	0.40	ng		0.00
7) Naphthalene-d8	10.467	136	22848	0.40	ng		0.00
13) Acenaphthene-d10	14.321	164	11888	0.40	ng		0.00
19) Phenanthrene-d10	17.067	188	22856	0.40	ng		0.00
29) Chrysene-d12	21.247	240	20025	0.40	ng	#	0.00
36) Perylene-d12	23.469	264	19863	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.284	112	6744	0.41	ng		0.00
5) Phenol-d6	6.855	99	8359	0.40	ng		0.00
8) Nitrobenzene-d5	8.832	82	5862	0.38	ng		0.00
11) 2-Methylnaphthalene-d10	12.057	152	14147	0.41	ng		0.00
14) 2,4,6-Tribromophenol	15.805	330	1311	0.34	ng		0.00
15) 2-Fluorobiphenyl	12.938	172	17921	0.40	ng		0.00
27) Fluoranthene-d10	19.096	212	24475	0.41	ng		0.00
31) Terphenyl-d14	19.697	244	18876	0.41	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.231	88	3379	0.41	ng		100
3) n-Nitrosodimethylamine	3.569	42	2028	0.32	ng	#	96
6) bis(2-Chloroethyl)ether	7.120	93	6771	0.41	ng		100
9) Naphthalene	10.505	128	23440	0.42	ng		100
10) Hexachlorobutadiene	10.796	225	4206	0.41	ng	#	100
12) 2-Methylnaphthalene	12.129	142	15173	0.41	ng		99
16) Acenaphthylene	14.029	152	16711	0.37	ng		99
17) Acenaphthene	14.384	154	13106	0.40	ng		100
18) Fluorene	15.374	166	15889	0.40	ng		99
20) 4,6-Dinitro-2-methylph...	15.450	198	928	0.33	ng		97
21) 4-Bromophenyl-phenylether	16.264	248	4700	0.40	ng		92
22) Hexachlorobenzene	16.373	284	5196	0.40	ng		99
23) Atrazine	16.531	200	2795	0.35	ng		99
24) Pentachlorophenol	16.714	266	1341	0.33	ng		95
25) Phenanthrene	17.103	178	25006	0.41	ng		100
26) Anthracene	17.189	178	20020	0.39	ng		100
28) Fluoranthene	19.126	202	26349	0.41	ng		100
30) Pyrene	19.488	202	26609	0.41	ng		100
32) Benzo(a)anthracene	21.237	228	22197	0.40	ng		99
33) Chrysene	21.290	228	26116	0.43	ng		97
34) Bis(2-ethylhexyl)phtha...	21.173	149	6245	0.37	ng		100
35) Indeno(1,2,3-cd)pyrene	25.691	276	31433	0.49	ng		98
37) Benzo(b)fluoranthene	22.805	252	28467m	0.41	ng		
38) Benzo(k)fluoranthene	22.846	252	26902	0.39	ng		99
39) Benzo(a)pyrene	23.370	252	25680	0.43	ng	#	85
40) Dibenzo(a,h)anthracene	25.708	278	26385	0.43	ng		100
41) Benzo(g,h,i)perylene	26.375	276	28182	0.43	ng		99

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

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