Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042821\
Data File : BN014467.D
Acq On : 28 Apr 2021 10:32
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Manual Integrations APPROVED
mohammad
4/29/2021 5:44:00 PM

Quant Time: Apr 28 12:30:35 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN042821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 27 19:23:29 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.668	152	7630	0.40	ng		0.00
7) Naphthalene-d8	10.442	136	27822	0.40	ng		0.00
13) Acenaphthene-d10	14.308	164	14273	0.40	ng		0.00
19) Phenanthrene-d10	17.043	188	29139	0.40	ng		#-0.01
29) Chrysene-d12	21.247	240	27939	0.40	ng		0.00
35) Perylene-d12	23.466	264	22521	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.276	112	6213	0.43	ng		0.00
5) Phenol-d6	6.839	99	7501	0.42	ng		0.00
8) Nitrobenzene-d5	8.807	82	8260	0.44	ng		-0.01
11) 2-Methylnaphthalene-d10	12.040	152	17763	0.42	ng		0.00
14) 2,4,6-Tribromophenol	15.793	330	1718	0.37	ng		0.00
15) 2-Fluorobiphenyl	12.925	172	23395	0.44	ng		0.00
27) Fluoranthene-d10	19.086	212	32221	0.40	ng		0.00
31) Terphenyl-d14	19.692	244	24758	0.44	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.231	88	3453	0.41	ng		95
3) n-Nitrosodimethylamine	3.609	42	1348	0.33	ng	#	95
6) bis(2-Chloroethyl)ether	7.104	93	7841	0.43	ng		99
9) Naphthalene	10.492	128	29659	0.43	ng		100
10) Hexachlorobutadiene	10.784	225	5898	0.44	ng	#	100
12) 2-Methylnaphthalene	12.111	142	19094	0.42	ng		98
16) Acenaphthylene	14.016	152	23640	0.42	ng		100
17) Acenaphthene	14.359	154	16302	0.41	ng		98
18) Fluorene	15.349	166	20295	0.41	ng		100
20) 4,6-Dinitro-2-methylph...	15.437	198	897	0.40	ng	#	90
21) 4-Bromophenyl-phenylether	16.252	248	6525	0.43	ng		97
22) Hexachlorobenzene	16.361	284	9319	0.47	ng		100
23) Atrazine	16.519	200	3401	0.35	ng		98
24) Pentachlorophenol	16.702	266	1146	0.45	ng		99
25) Phenanthrene	17.091	178	34793	0.43	ng		100
26) Anthracene	17.177	178	25650	0.40	ng		100
28) Fluoranthene	19.116	202	36265	0.40	ng		100
30) Pyrene	19.483	202	35223	0.43	ng		100
32) Benzo(a)anthracene	21.237	228	30580	0.40	ng		99
33) Chrysene	21.279	228	38078	0.45	ng		100
34) Bis(2-ethylhexyl)phtha...	21.173	149	10681m	0.33	ng		
36) Indeno(1,2,3-cd)pyrene	25.691	276	35496	0.41	ng		98
37) Benzo(b)fluoranthene	22.802	252	34994	0.44	ng	#	96
38) Benzo(k)fluoranthene	22.846	252	35836	0.43	ng		99
39) Benzo(a)pyrene	23.370	252	29394	0.41	ng	#	89
40) Dibenzo(a,h)anthracene	25.708	278	29782	0.41	ng		99
41) Benzo(g,h,i)perylene	26.369	276	34122	0.45	ng		99

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

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