Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080421\
Data File : BN015804.D
Acq On : 04 Aug 2021 22:45
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Manual Integrations APPROVED
mohammad
8/5/2021 5:08:03 PM

Quant Time: Aug 05 02:02:32 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN080221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 02 14:09:59 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.780	152	52383	0.400	ng	0.00
7) Naphthalene-d8	10.571	136	237085	0.400	ng	0.00
13) Acenaphthene-d10	14.408	164	122076	0.400	ng	0.00
19) Phenanthrene-d10	17.163	188	227302	0.400	ng	0.00
29) Chrysene-d12	21.365	240	208270	0.400	ng	# 0.00
35) Perylene-d12	23.703	264	206843	0.400	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.383	112	46827	0.366	ng	0.00
5) Phenol-d6	6.951	99	58289	0.377	ng	0.00
8) Nitrobenzene-d5	8.924	82	74273	0.487	ng	0.00
11) 2-Methylnaphthalene-d10	12.158	152	141964	0.399	ng	0.00
14) 2,4,6-Tribromophenol	15.905	330	13531	0.306	ng	0.00
15) 2-Fluorobiphenyl	13.038	172	188039	0.386	ng	0.00
27) Fluoranthene-d10	19.202	212	225379	0.381	ng	0.00
31) Terphenyl-d14	19.807	244	195268	0.379	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.345	88	5048	0.298	ng	# 20
3) n-Nitrosodimethylamine	3.705	42	11580	0.332	ng	# 78
6) bis(2-Chloroethyl)ether	7.218	93	60949	0.434	ng	97
9) Naphthalene	10.609	128	247741	0.399	ng	99
10) Hexachlorobutadiene	10.913	225	44537	0.411	ng	# 99
12) 2-Methylnaphthalene	12.229	142	161253	0.403	ng	99
16) Acenaphthylene	14.129	152	205171	0.408	ng	100
17) Acenaphthene	14.471	154	137226	0.391	ng	99
18) Fluorene	15.461	166	165827	0.394	ng	100
20) 4,6-Dinitro-2-methylph...	15.537	198	3280	0.314	ng	98
21) 4-Bromophenyl-phenylether	16.360	248	51849	0.388	ng	# 88
22) Hexachlorobenzene	16.470	284	63574	0.414	ng	99
23) Atrazine	16.628	200	34826	0.424	ng	97
24) Pentachlorophenol	16.810	266	17614	0.371	ng	100
25) Phenanthrene	17.200	178	265306	0.392	ng	100
26) Anthracene	17.297	178	215578	0.379	ng	100
28) Fluoranthene	19.231	202	281685	0.400	ng	100
30) Pyrene	19.594	202	269655	0.388	ng	100
32) Benzo(a)anthracene	21.355	228	244081	0.383	ng	98
33) Chrysene	21.397	228	269189	0.391	ng	98
34) Bis(2-ethylhexyl)phtha...	21.291	149	102628	0.502	ng	99
36) Indeno(1,2,3-cd)pyrene	26.099	276	278203	0.380	ng	96
37) Benzo(b)fluoranthene	22.998	252	257578	0.359	ng	100
38) Benzo(k)fluoranthene	23.043	252	300765m	0.404	ng	
39) Benzo(a)pyrene	23.601	252	224803	0.376	ng	100
40) Dibenzo(a,h)anthracene	26.120	278	227438	0.371	ng	# 88
41) Benzo(g,h,i)perylene	26.835	276	236283	0.369	ng	100

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

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