Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052121\
Data File : BN014712.D
Acq On : 22 May 2021 04:06
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Manual Integrations APPROVED
mohammad
5/24/2021 2:37:22 PM

Quant Time: May 22 04:37:02 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN051121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 21 11:30:28 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.724	152	860	0.40	ng		# 0.00
7) Naphthalene-d8	10.505	136	3102	0.40	ng		# 0.00
13) Acenaphthene-d10	14.371	164	2047	0.40	ng		0.00
19) Phenanthrene-d10	17.116	188	4472	0.40	ng		# 0.00
29) Chrysene-d12	21.321	240	5380	0.40	ng		# 0.00
35) Perylene-d12	23.582	264	5784	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.324	112	1085	0.48	ng		0.00
5) Phenol-d6	6.895	99	1464	0.48	ng		0.00
8) Nitrobenzene-d5	8.870	82	1227	0.46	ng		0.00
11) 2-Methylnaphthalene-d10	12.102	152	3084	0.41	ng		0.00
14) 2,4,6-Tribromophenol	15.869	330	496	0.52	ng		0.00
15) 2-Fluorobiphenyl	12.989	172	3329	0.44	ng		0.00
27) Fluoranthene-d10	19.156	212	7807	0.39	ng		0.00
31) Terphenyl-d14	19.761	244	5447	0.43	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.279	88	527	0.40	ng		92
3) n-Nitrosodimethylamine	3.649	42	155m	0.36	ng		
6) bis(2-Chloroethyl)ether	7.153	93	1142	0.45	ng	#	87
9) Naphthalene	10.556	128	3454	0.42	ng	#	93
10) Hexachlorobutadiene	10.847	225	920	0.47	ng	#	100
12) 2-Methylnaphthalene	12.177	142	2437	0.41	ng	#	91
16) Acenaphthylene	14.080	152	3302	0.44	ng		98
17) Acenaphthene	14.422	154	2310	0.41	ng		99
18) Fluorene	15.425	166	3056	0.41	ng		99
20) 4,6-Dinitro-2-methylph...	15.501	198	225	0.46	ng	#	1
21) 4-Bromophenyl-phenylether	16.312	248	1248	0.46	ng	#	78
22) Hexachlorobenzene	16.434	284	1379	0.48	ng		91
23) Atrazine	16.580	200	751	0.43	ng	#	91
24) Pentachlorophenol	16.775	266	459	0.48	ng	#	51
25) Phenanthrene	17.164	178	5093	0.42	ng		98
26) Anthracene	17.249	178	4325	0.42	ng		100
28) Fluoranthene	19.185	202	6265	0.39	ng		98
30) Pyrene	19.553	202	6346	0.43	ng		98
32) Benzo(a)anthracene	21.300	228	6722	0.43	ng		98
33) Chrysene	21.353	228	7240	0.44	ng		98
34) Bis(2-ethylhexyl)phtha...	21.236	149	2196	0.51	ng	#	78
36) Indeno(1,2,3-cd)pyrene	25.869	276	9503	0.41	ng	#	88
37) Benzo(b)fluoranthene	22.901	252	8029	0.41	ng		97
38) Benzo(k)fluoranthene	22.946	252	8213m	0.40	ng		
39) Benzo(a)pyrene	23.483	252	7530	0.45	ng	#	92
40) Dibenzo(a,h)anthracene	25.882	278	8061	0.41	ng	#	93
41) Benzo(g,h,i)perylene	26.564	276	8048	0.42	ng	#	90

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

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