Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121820\
Data File : BN013210.D
Acq On : 18 Dec 2020 14:53
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDCCC0.4

Quant Time: Dec 19 01:13:28 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN121620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 18 16:11:20 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.346	152	549	0.40	ng		0.00
7) Naphthalene-d8	10.112	136	1509	0.40	ng		# 0.00
13) Acenaphthene-d10	14.004	164	896	0.40	ng		0.00
19) Phenanthrene-d10	16.775	188	2027	0.40	ng		# 0.00
29) Chrysene-d12	21.006	240	1989	0.40	ng		# 0.00
36) Perylene-d12	23.096	264	2221	0.40	ng		# 0.00
System Monitoring Compounds							
4) 2-Fluorophenol	4.962	112	893	0.40	ng		0.00
5) Phenol-d6	6.549	99	873	0.38	ng		0.00
8) Nitrobenzene-d5	8.528	82	668	0.43	ng		0.00
11) 2-Methylnaphthalene-d10	11.724	152	1082	0.41	ng		0.00
14) 2,4,6-Tribromophenol	15.539	330	228	0.40	ng		0.00
15) 2-Fluorobiphenyl	12.633	172	1577	0.42	ng		0.00
27) Fluoranthene-d10	18.821	212	2506	0.38	ng		0.00
31) Terphenyl-d14	19.446	244	2046	0.41	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.933	88	454	0.47	ng		96
3) n-Nitrosodimethylamine	3.279	42	669	0.42	ng	#	94
6) bis(2-Chloroethyl)ether	6.798	93	439	0.31	ng	#	83
9) Naphthalene	10.163	128	1836	0.40	ng	#	87
10) Hexachlorobutadiene	10.416	225	468	0.47	ng	#	100
12) 2-Methylnaphthalene	11.804	142	1141	0.36	ng	#	95
16) Acenaphthylene	13.724	152	1899	0.40	ng		100
17) Acenaphthene	14.067	154	1208	0.40	ng		87
18) Fluorene	15.069	166	1586	0.40	ng		98
20) 4,6-Dinitro-2-methylph...	15.260	198	101	0.37	ng	#	1
21) 4-Bromophenyl-phenylether	16.021	248	206	0.52	ng	#	92
22) Hexachlorobenzene	16.082	284	543	0.39	ng		94
23) Atrazine	16.276	200	426	0.35	ng	#	85
24) Pentachlorophenol	16.447	266	202	0.35	ng		92
25) Phenanthrene	16.812	178	2509	0.38	ng		99
26) Anthracene	16.922	178	2104	0.36	ng		100
28) Fluoranthene	18.856	202	3059	0.38	ng		99
30) Pyrene	19.223	202	3097	0.40	ng		99
32) Benzo(a)anthracene	20.995	228	2385	0.34	ng		96
33) Chrysene	21.038	228	3360	0.45	ng		98
34) Bis(2-ethylhexyl)phtha...	20.921	149	1358	0.12	ng		96
35) Indeno(1,2,3-cd)pyrene	25.132	276	3923	0.38	ng		94
37) Benzo(b)fluoranthene	22.479	252	3234	0.41	ng	#	89
38) Benzo(k)fluoranthene	22.517	252	3867	0.43	ng	#	88
39) Benzo(a)pyrene	23.007	252	3088	0.40	ng	#	83
40) Dibenzo(a,h)anthracene	25.153	278	3239	0.38	ng	#	83
41) Benzo(g,h,i)perylene	25.748	276	3762	0.42	ng	#	91

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

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