Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121720\
Data File : BN013199.D
Acq On : 18 Dec 2020 01:28
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDCCC0.4

Quant Time: Dec 18 03:06:16 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN121620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 17 12:34:52 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.346	152	725	0.40	ng		0.00
7) Naphthalene-d8	10.112	136	2082	0.40	ng		# 0.00
13) Acenaphthene-d10	14.004	164	1254	0.40	ng		0.00
19) Phenanthrene-d10	16.775	188	2781	0.40	ng		# 0.00
29) Chrysene-d12	21.006	240	2781	0.40	ng		# 0.00
36) Perylene-d12	23.089	264	3150	0.40	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	4.962	112	1031	0.35	ng		0.00
5) Phenol-d6	6.549	99	1030	0.34	ng		0.00
8) Nitrobenzene-d5	8.515	82	735	0.34	ng		0.00
11) 2-Methylnaphthalene-d10	11.724	152	1276	0.35	ng		0.00
14) 2,4,6-Tribromophenol	15.539	330	282	0.36	ng		0.00
15) 2-Fluorobiphenyl	12.621	172	1876	0.36	ng		-0.01
27) Fluoranthene-d10	18.821	212	3094	0.34	ng		0.00
31) Terphenyl-d14	19.441	244	2497	0.35	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.933	88	581	0.46	ng	#	93
3) n-Nitrosodimethylamine	3.279	42	724	0.34	ng	#	91
6) bis(2-Chloroethyl)ether	6.798	93	515	0.27	ng	#	83
9) Naphthalene	10.150	128	2274	0.36	ng	#	91
10) Hexachlorobutadiene	10.429	225	536	0.39	ng	#	98
12) 2-Methylnaphthalene	11.800	142	1449	0.33	ng		94
16) Acenaphthylene	13.724	152	2246	0.34	ng		98
17) Acenaphthene	14.067	154	1475	0.35	ng		91
18) Fluorene	15.069	166	1952	0.35	ng		99
20) 4,6-Dinitro-2-methylph...	15.247	198	136	0.36	ng	#	1
21) 4-Bromophenyl-phenylether	16.021	248	206	0.38	ng	#	86
22) Hexachlorobenzene	16.082	284	660	0.34	ng		92
23) Atrazine	16.276	200	517	0.31	ng	#	91
24) Pentachlorophenol	16.447	266	246	0.31	ng		98
25) Phenanthrene	16.812	178	3041	0.34	ng		98
26) Anthracene	16.909	178	2544	0.32	ng		99
28) Fluoranthene	18.851	202	3726	0.34	ng		100
30) Pyrene	19.218	202	3804	0.35	ng		100
32) Benzo(a)anthracene	20.984	228	3156	0.32	ng		97
33) Chrysene	21.038	228	3921	0.38	ng		96
34) Bis(2-ethylhexyl)phtha...	20.921	149	1647	0.07	ng		97
35) Indeno(1,2,3-cd)pyrene	25.132	276	5123	0.36	ng		97
37) Benzo(b)fluoranthene	22.476	252	4073	0.37	ng	#	90
38) Benzo(k)fluoranthene	22.517	252	4575	0.36	ng	#	92
39) Benzo(a)pyrene	23.003	252	4155	0.38	ng	#	87
40) Dibenzo(a,h)anthracene	25.146	278	4221	0.35	ng	#	90
41) Benzo(g,h,i)perylene	25.748	276	4789	0.38	ng		95

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

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