Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121020\
Data File : BN013054.D
Acq On : 10 Dec 2020 21:44
Operator : CG/JU
Sample : SSTDICC0.2
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDICC0.2

Quant Time: Dec 11 01:02:02 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN121020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 11 00:59:43 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.370	152	619	0.40	ng		0.00
7) Naphthalene-d8	10.137	136	2137	0.40	ng	#	0.00
13) Acenaphthene-d10	14.029	164	1267	0.40	ng		0.00
19) Phenanthrene-d10	16.800	188	2886	0.40	ng	#	0.00
29) Chrysene-d12	21.016	240	3147	0.40	ng	#	0.00
36) Perylene-d12	23.120	264	3460	0.40	ng	#	0.00
System Monitoring Compounds							
4) 2-Fluorophenol	4.994	112	481	0.22	ng		0.00
5) Phenol-d6	6.573	99	548	0.22	ng		0.00
8) Nitrobenzene-d5	8.540	82	475	0.19	ng		0.01
11) 2-Methylnaphthalene-d10	11.746	152	798	0.23	ng		0.00
14) 2,4,6-Tribromophenol	15.551	330	168	0.18	ng		0.00
15) 2-Fluorobiphenyl	12.646	172	1184	0.24	ng		0.00
27) Fluoranthene-d10	18.846	212	2053	0.23	ng		0.00
31) Terphenyl-d14	19.461	244	1665	0.22	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.965	88	404	0.42	ng	#	73
3) n-Nitrosodimethylamine	3.295	42	373	0.14	ng	#	89
6) bis(2-Chloroethyl)ether	6.822	93	349	0.20	ng		89
9) Naphthalene	10.188	128	1393	0.23	ng	#	87
10) Hexachlorobutadiene	10.467	225	310	0.24	ng	#	99
12) 2-Methylnaphthalene	11.826	142	913	0.24	ng		94
16) Acenaphthylene	13.750	152	1421	0.22	ng		100
17) Acenaphthene	14.092	154	912	0.23	ng		91
18) Fluorene	15.095	166	1204	0.23	ng		99
20) 4,6-Dinitro-2-methylph...	15.247	198	85	0.12	ng	#	1
21) 4-Bromophenyl-phenylether	16.021	248	211	0.13	ng		91
22) Hexachlorobenzene	16.106	284	463	0.21	ng		93
23) Atrazine	16.289	200	358	0.21	ng	#	82
24) Pentachlorophenol	16.471	266	167	0.16	ng		97
25) Phenanthrene	16.836	178	1947	0.23	ng		99
26) Anthracene	16.934	178	1712	0.22	ng		97
28) Fluoranthene	18.876	202	2462	0.24	ng		99
30) Pyrene	19.238	202	2567	0.24	ng		99
32) Benzo(a)anthracene	21.006	228	2453	0.24	ng		97
33) Chrysene	21.059	228	2561	0.24	ng		99
34) Bis(2-ethylhexyl)phtha...	20.953	149	1659	0.24	ng	#	93
35) Indeno(1,2,3-cd)pyrene	25.177	276	3312	0.21	ng		93
37) Benzo(b)fluoranthene	22.503	252	2710	0.25	ng	#	73
38) Benzo(k)fluoranthene	22.548	252	3061	0.26	ng	#	75
39) Benzo(a)pyrene	23.034	252	2690	0.25	ng	#	65
40) Dibenzo(a,h)anthracene	25.187	278	2786	0.23	ng	#	74
41) Benzo(g,h,i)perylene	25.796	276	3114	0.25	ng	#	85

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

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