Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121020\
Data File : BN013056.D
Acq On : 10 Dec 2020 22:56
Operator : CG/JU
Sample : SSTDICC0.8
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDICC0.8

Quant Time: Dec 11 01:02:32 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	796	0.40	ng		0.00
7) Naphthalene-d8	10.125	136	2306	0.40	ng		#-0.01
13) Acenaphthene-d10	14.029	164	1389	0.40	ng		0.00
19) Phenanthrene-d10	16.787	188	3043	0.40	ng		#-0.01
29) Chrysene-d12	21.014	240	3373	0.40	ng		# 0.00
36) Perylene-d12	23.117	264	3658	0.40	ng		# 0.00
System Monitoring Compounds							
4) 2-Fluorophenol	4.986	112	2478	0.89	ng		0.00
5) Phenol-d6	6.565	99	2791	0.86	ng		0.00
8) Nitrobenzene-d5	8.528	82	2495	0.91	ng		0.00
11) 2-Methylnaphthalene-d10	11.733	152	3522	0.94	ng		0.00
14) 2,4,6-Tribromophenol	15.551	330	731	0.72	ng		0.00
15) 2-Fluorobiphenyl	12.646	172	5202	0.96	ng		0.00
27) Fluoranthene-d10	18.838	212	8351	0.89	ng		0.00
31) Terphenyl-d14	19.459	244	6936	0.86	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.957	88	1315	1.06	ng		88
3) n-Nitrosodimethylamine	3.287	42	1624	0.48	ng	#	88
6) bis(2-Chloroethyl)ether	6.814	93	1897	0.85	ng		95
9) Naphthalene	10.175	128	5924	0.92	ng		98
10) Hexachlorobutadiene	10.454	225	1304	0.92	ng	#	100
12) 2-Methylnaphthalene	11.813	142	4038	0.97	ng		97
16) Acenaphthylene	13.750	152	6111	0.88	ng		100
17) Acenaphthene	14.092	154	3915	0.88	ng		91
18) Fluorene	15.095	166	5215	0.92	ng		100
20) 4,6-Dinitro-2-methylph...	15.222	198	532	0.72	ng	#	1
21) 4-Bromophenyl-phenylether	16.008	248	578	0.33	ng	#	77
22) Hexachlorobenzene	16.106	284	1883	0.82	ng		96
23) Atrazine	16.288	200	1490	0.82	ng		96
24) Pentachlorophenol	16.459	266	695	0.65	ng		99
25) Phenanthrene	16.836	178	8264	0.92	ng		99
26) Anthracene	16.933	178	7288	0.87	ng		99
28) Fluoranthene	18.868	202	10084	0.94	ng		99
30) Pyrene	19.240	202	10259	0.90	ng		99
32) Benzo(a)anthracene	21.003	228	10000	0.93	ng		98
33) Chrysene	21.056	228	10959	0.97	ng		99
34) Bis(2-ethylhexyl)phtha...	20.950	149	5728	0.79	ng		96
35) Indeno(1,2,3-cd)pyrene	25.164	276	14504	0.86	ng		97
37) Benzo(b)fluoranthene	22.497	252	11852	1.02	ng		99
38) Benzo(k)fluoranthene	22.538	252	12119	0.97	ng		98
39) Benzo(a)pyrene	23.024	252	10933	0.96	ng	#	96
40) Dibenzo(a,h)anthracene	25.174	278	12333	0.95	ng		98
41) Benzo(g,h,i)perylene	25.783	276	12764	0.96	ng		97

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

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