Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121620\
Data File : BN013144.D
Acq On : 15 Dec 2020 14:13
Operator : CG/JU
Sample : SSTDICC3.2
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDICC3.2

Quant Time: Dec 15 14:44:03 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN121620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 15 13:20:48 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.346	152	854	0.40	ng		0.00
7) Naphthalene-d8	10.099	136	2821	0.40	ng		#-0.01
13) Acenaphthene-d10	14.004	164	1685	0.40	ng		-0.01
19) Phenanthrene-d10	16.775	188	3503	0.40	ng		# 0.00
29) Chrysene-d12	21.006	240	3741	0.40	ng		# 0.00
36) Perylene-d12	23.102	264	3958	0.40	ng		# 0.00
System Monitoring Compounds							
4) 2-Fluorophenol	4.970	112	11120	3.62	ng		0.00
5) Phenol-d6	6.549	99	11779	3.35	ng		0.00
8) Nitrobenzene-d5	8.490	82	10726	3.58	ng		-0.03
11) 2-Methylnaphthalene-d10	11.706	152	16277	3.20	ng		-0.02
14) 2,4,6-Tribromophenol	15.526	330	3641	3.29	ng		-0.01
15) 2-Fluorobiphenyl	12.621	172	23654	3.19	ng		-0.01
27) Fluoranthene-d10	18.821	212	37290	3.17	ng		0.00
31) Terphenyl-d14	19.442	244	30345	3.25	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.933	88	4619	2.28	ng		94
3) n-Nitrosodimethylamine	3.255	42	7669	3.42	ng	#	77
6) bis(2-Chloroethyl)ether	6.798	93	7813	3.29	ng		96
9) Naphthalene	10.150	128	27320	3.17	ng		96
10) Hexachlorobutadiene	10.429	225	5563	2.98	ng	#	99
12) 2-Methylnaphthalene	11.782	142	19096	3.23	ng		97
16) Acenaphthylene	13.724	152	29703	3.31	ng		99
17) Acenaphthene	14.067	154	18490	3.26	ng		93
18) Fluorene	15.069	166	24124	3.19	ng		99
20) 4,6-Dinitro-2-methylph...	15.196	198	2887	4.36	ng	#	94
21) 4-Bromophenyl-phenylether	16.021	248	220	0.27	ng		88
22) Hexachlorobenzene	16.082	284	7801	3.03	ng		92
23) Atrazine	16.264	200	6982	3.35	ng		97
24) Pentachlorophenol	16.435	266	3606	3.34	ng		100
25) Phenanthrene	16.812	178	37546	3.26	ng		99
26) Anthracene	16.909	178	34992	3.42	ng		100
28) Fluoranthene	18.851	202	45421	3.20	ng	#	99
30) Pyrene	19.218	202	45617	3.25	ng		100
32) Benzo(a)anthracene	20.984	228	43357	3.16	ng		100
33) Chrysene	21.038	228	45046	3.16	ng		99
34) Bis(2-ethylhexyl)phtha...	20.931	149	23951	2.87	ng		97
35) Indeno(1,2,3-cd)pyrene	25.136	276	59361	3.14	ng		98
37) Benzo(b)fluoranthene	22.479	252	48520	3.23	ng		95
38) Benzo(k)fluoranthene	22.521	252	50915	3.21	ng		96
39) Benzo(a)pyrene	23.007	252	45309	3.16	ng		94
40) Dibenzo(a,h)anthracene	25.149	278	50084	3.20	ng		95
41) Benzo(g,h,i)perylene	25.759	276	52837	3.19	ng		97

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

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