Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060321\
Data File : BN014832.D
Acq On : 03 Jun 2021 18:54
Operator : CG/JU
Sample : SSTDICC3.2
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDICC3.2

Quant Time: Jun 04 02:56:47 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN060321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 03 17:56:36 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.697	152	400	0.400	ng	-0.01
7) Naphthalene-d8	10.483	136	1266	0.400	ng	0.00
13) Acenaphthene-d10	14.345	164	890	0.400	ng	0.00
19) Phenanthrene-d10	17.103	188	1998	0.400	ng	0.00
29) Chrysene-d12	21.302	240	2749	0.400	ng	0.00
35) Perylene-d12	23.556	264	2401	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.308	112	2565	2.469	ng	0.00
5) Phenol-d6	6.877	99	3716	2.700	ng	-0.01
8) Nitrobenzene-d5	8.848	82	3600	3.341	ng	-0.01
11) 2-Methylnaphthalene-d10	12.078	152	7536	3.163	ng	0.00
14) 2,4,6-Tribromophenol	15.842	330	1499	3.203	ng	-0.01
15) 2-Fluorobiphenyl	12.962	172	10731	3.298	ng	-0.01
27) Fluoranthene-d10	19.137	212	22619	3.078	ng	0.00
31) Terphenyl-d14	19.743	244	21436	3.270	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.251	88	1459	2.575	ng	# 94
3) n-Nitrosodimethylamine	3.620	42	397	3.445	ng	# 7
6) bis(2-Chloroethyl)ether	7.139	93	3140	2.767	ng	98
9) Naphthalene	10.533	128	11056	3.165	ng	# 89
10) Hexachlorobutadiene	10.825	225	3056	3.198	ng	# 100
12) 2-Methylnaphthalene	12.154	142	7930	3.223	ng	97
16) Acenaphthylene	14.066	152	10910	3.229	ng	99
17) Acenaphthene	14.408	154	7617	3.056	ng	99
18) Fluorene	15.398	166	10631	3.138	ng	99
20) 4,6-Dinitro-2-methylph...	15.487	198	682	2.797	ng	# 30
21) 4-Bromophenyl-phenylether	16.299	248	4459	3.360	ng	# 81
22) Hexachlorobenzene	16.409	284	5155	3.292	ng	98
23) Atrazine	16.567	200	2475	3.007	ng	# 90
24) Pentachlorophenol	16.762	266	1123	3.079	ng	90
25) Phenanthrene	17.139	178	18229	3.225	ng	99
26) Anthracene	17.237	178	15323	3.275	ng	98
28) Fluoranthene	19.167	202	25021	3.257	ng	100
30) Pyrene	19.529	202	24501	3.107	ng	99
32) Benzo(a)anthracene	21.280	228	24921	3.244	ng	98
33) Chrysene	21.334	228	28973	3.099	ng	99
34) Bis(2-ethylhexyl)phtha...	21.217	149	5388	2.474	ng	97
36) Indeno(1,2,3-cd)pyrene	25.826	276	33857	3.426	ng	99
37) Benzo(b)fluoranthene	22.875	252	29100	3.336	ng	# 93
38) Benzo(k)fluoranthene	22.920	252	32958	3.510	ng	# 91
39) Benzo(a)pyrene	23.454	252	25530	3.342	ng	# 87
40) Dibenzo(a,h)anthracene	25.839	278	28559	3.478	ng	# 92
41) Benzo(g,h,i)perylene	26.514	276	30194	3.313	ng	97

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

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