Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122321\
Data File : BN018177.D
Acq On : 23 Dec 2021 11:57
Operator : CG/JU
Sample : SSTDICC1.6
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Quant Time: Dec 23 13:17:46 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN122321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 23 13:14:13 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.624	152	22064	0.400	ng	0.00
7) Naphthalene-d8	10.394	136	89240	0.400	ng	# 0.00
13) Acenaphthene-d10	14.256	164	52887	0.400	ng	0.00
19) Phenanthrene-d10	16.993	188	104942	0.400	ng	0.00
29) Chrysene-d12	21.195	240	111086	0.400	ng	# 0.00
35) Perylene-d12	23.419	264	101886	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.226	112	84697	1.771	ng	0.00
5) Phenol-d6	6.812	99	93083	1.941	ng	0.00
8) Nitrobenzene-d5	8.772	82	105611	1.668	ng	0.00
11) 2-Methylnaphthalene-d10	11.994	152	260959	1.763	ng	0.00
14) 2,4,6-Tribromophenol	15.740	330	47195	1.943	ng	-0.01
15) 2-Fluorobiphenyl	12.873	172	332080	1.802	ng	-0.01
27) Fluoranthene-d10	19.033	212	596038	1.701	ng	0.00
31) Terphenyl-d14	19.639	244	403546	1.743	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.161	88	22120	1.609	ng	# 55
3) n-Nitrosodimethylamine	3.484	42	34721	1.688	ng	98
6) bis(2-Chloroethyl)ether	7.052	93	96344	1.701	ng	100
9) Naphthalene	10.445	128	370524	1.654	ng	100
10) Hexachlorobutadiene	10.749	225	97071	1.575	ng	# 100
12) 2-Methylnaphthalene	12.069	142	247353	1.769	ng	99
16) Acenaphthylene	13.964	152	363869	1.664	ng	100
17) Acenaphthene	14.319	154	235144	1.690	ng	98
18) Fluorene	15.309	166	296908	1.739	ng	100
20) 4,6-Dinitro-2-methylph...	15.398	198	10872	1.101	ng	# 79
21) 4-Bromophenyl-phenylether	16.202	248	116717	1.837	ng	# 76
22) Hexachlorobenzene	16.312	284	128419	1.693	ng	99
23) Atrazine	16.470	200	78695	1.789	ng	99
24) Pentachlorophenol	16.665	266	39449	2.299	ng	99
25) Phenanthrene	17.030	178	478239	1.790	ng	100
26) Anthracene	17.127	178	428442	1.777	ng	100
28) Fluoranthene	19.063	202	578837	1.738	ng	99
30) Pyrene	19.425	202	584884	1.604	ng	100
32) Benzo(a)anthracene	21.174	228	596698	1.785	ng	100
33) Chrysene	21.227	228	579125	1.625	ng	98
34) Bis(2-ethylhexyl)phtha...	21.121	149	213692	1.302	ng	99
36) Indeno(1,2,3-cd)pyrene	25.682	276	542976	1.592	ng	99
37) Benzo(b)fluoranthene	22.748	252	569323	1.881	ng	99
38) Benzo(k)fluoranthene	22.793	252	545852	1.848	ng	99
39) Benzo(a)pyrene	23.320	252	506190	1.642	ng	98
40) Dibenzo(a,h)anthracene	25.699	278	410133	1.542	ng	99
41) Benzo(g,h,i)perylene	26.370	276	483912	1.516	ng	99

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

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