Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082422\
Data File : BN021341.D
Acq On : 24 Aug 2022 17:13
Operator : CG/JU
Sample : SSTDICC0.2
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 08/25/2022
Supervised By :Jagrut Upadhyay 08/25/2022

Quant Time: Aug 25 06:26:24 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN082422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 25 06:17:49 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.090	152	2690	0.400	ng	0.00
7) Naphthalene-d8	10.919	136	8369	0.400	ng	0.00
13) Acenaphthene-d10	14.739	164	4811	0.400	ng	0.00
19) Phenanthrene-d10	17.490	188	10421	0.400	ng	0.00
29) Chrysene-d12	21.682	240	9463	0.400	ng	# 0.00
35) Perylene-d12	24.211	264	8888	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.606	112	1549	0.231	ng	0.00
5) Phenol-d6	7.231	99	1925	0.246	ng	0.00
8) Nitrobenzene-d5	9.254	82	1247	0.201	ng	0.00
11) 2-Methylnaphthalene-d10	12.501	152	2438	0.167	ng	0.00
14) 2,4,6-Tribromophenol	16.229	330	427	0.271	ng	0.00
15) 2-Fluorobiphenyl	13.371	172	4326	0.226	ng	0.00
27) Fluoranthene-d10	19.518	212	6013	0.213	ng	0.00
31) Terphenyl-d14	20.115	244	4050	0.157	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.410	88	777	0.207	ng	# 73
3) n-Nitrosodimethylamine	3.750	42	740	0.242	ng	# 95
6) bis(2-Chloroethyl)ether	7.498	93	1876	0.284	ng	100
9) Naphthalene	10.973	128	5614	0.222	ng	98
10) Hexachlorobutadiene	11.261	225	910	0.201	ng	# 99
12) 2-Methylnaphthalene	12.198	142	856	0.050	ng	# 85
16) Acenaphthylene	14.461	152	4443	0.192	ng	99
17) Acenaphthene	14.803	154	3205	0.202	ng	98
18) Fluorene	15.787	166	4136	0.205	ng	99
20) 4,6-Dinitro-2-methylph...	15.584	198	1	0.001	ng	100
21) 4-Bromophenyl-phenylether	16.680	248	1377	0.215	ng	98
22) Hexachlorobenzene	16.793	284	1604	0.222	ng	99
23) Atrazine	16.947	200	868	0.211	ng	97
24) Pentachlorophenol	17.131	266	513	0.316	ng	97
25) Phenanthrene	17.531	178	7538	0.217	ng	100
26) Anthracene	17.623	178	5823	0.201	ng	99
28) Fluoranthene	19.548	202	7955	0.219	ng	100
30) Pyrene	19.910	202	9241	0.190	ng	97
32) Benzo(a)anthracene	21.664	228	6964	0.226	ng	100
33) Chrysene	21.718	228	7795	0.204	ng	99
34) Bis(2-ethylhexyl)phtha...	21.583	149	3507	0.167	ng	99
36) Indeno(1,2,3-cd)pyrene	26.875	276	8222	0.209	ng	99
37) Benzo(b)fluoranthene	23.434	252	7552m	0.204	ng	
38) Benzo(k)fluoranthene	23.486	252	7521	0.201	ng	94
39) Benzo(a)pyrene	24.094	252	5897	0.191	ng	92
40) Dibenzo(a,h)anthracene	26.904	278	6788	0.223	ng	96
41) Benzo(g,h,i)perylene	27.702	276	7133	0.202	ng	97

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

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