Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082422\
Data File : BN021340.D
Acq On : 24 Aug 2022 16:34
Operator : CG/JU
Sample : SSTDICC0.1
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Manual Integrations APPROVED

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

Quant Time: Aug 25 06:25:58 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	2433	0.400	ng	0.00
7) Naphthalene-d8	10.919	136	7295	0.400	ng	0.00
13) Acenaphthene-d10	14.739	164	4169	0.400	ng	0.00
19) Phenanthrene-d10	17.490	188	9140	0.400	ng	0.00
29) Chrysene-d12	21.682	240	8573	0.400	ng	# 0.00
35) Perylene-d12	24.211	264	8064	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.606	112	774	0.127	ng	0.00
5) Phenol-d6	7.231	99	929	0.131	ng	0.00
8) Nitrobenzene-d5	9.254	82	596	0.110	ng	0.00
11) 2-Methylnaphthalene-d10	12.505	152	1131	0.089	ng	0.00
14) 2,4,6-Tribromophenol	16.229	330	211	0.155	ng	0.00
15) 2-Fluorobiphenyl	13.371	172	1955	0.118	ng	0.00
27) Fluoranthene-d10	19.518	212	2812	0.113	ng	0.00
31) Terphenyl-d14	20.115	244	1967	0.084	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.410	88	348	0.103	ng	# 73
3) n-Nitrosodimethylamine	3.750	42	359	0.130	ng	# 95
6) bis(2-Chloroethyl)ether	7.498	93	887	0.148	ng	98
9) Naphthalene	10.973	128	3102	0.141	ng	# 95
10) Hexachlorobutadiene	11.261	225	423	0.107	ng	# 99
12) 2-Methylnaphthalene	12.202	142	403	0.027	ng	# 56
16) Acenaphthylene	14.461	152	2053	0.102	ng	98
17) Acenaphthene	14.803	154	1484m	0.108	ng	
18) Fluorene	15.787	166	2000	0.114	ng	97
20) 4,6-Dinitro-2-methylph...	15.744	198	6m	0.007	ng	
21) 4-Bromophenyl-phenylether	16.680	248	627	0.112	ng	96
22) Hexachlorobenzene	16.793	284	736	0.116	ng	97
23) Atrazine	16.947	200	424	0.117	ng	# 85
24) Pentachlorophenol	17.131	266	295	0.207	ng	99
25) Phenanthrene	17.531	178	3656	0.120	ng	100
26) Anthracene	17.623	178	2797	0.110	ng	99
28) Fluoranthene	19.552	202	3775	0.119	ng	100
30) Pyrene	19.914	202	4789	0.108	ng	99
32) Benzo(a)anthracene	21.664	228	3475	0.125	ng	98
33) Chrysene	21.718	228	3883	0.112	ng	98
34) Bis(2-ethylhexyl)phtha...	21.583	149	2127	0.112	ng	# 97
36) Indeno(1,2,3-cd)pyrene	26.878	276	3986	0.112	ng	99
37) Benzo(b)fluoranthene	23.434	252	3768	0.112	ng	# 83
38) Benzo(k)fluoranthene	23.483	252	3635	0.107	ng	# 83
39) Benzo(a)pyrene	24.097	252	2919	0.104	ng	# 78
40) Dibenzo(a,h)anthracene	26.907	278	3215	0.117	ng	# 89
41) Benzo(g,h,i)perylene	27.702	276	3606	0.112	ng	91

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

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