Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082422\
Data File : BN021344.D
Acq On : 24 Aug 2022 19:09
Operator : CG/JU
Sample : SSTDICC1.6
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Manual Integrations APPROVED

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

Quant Time: Aug 25 06:27:46 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	2856	0.400	ng		0.00
7) Naphthalene-d8	10.919	136	8518	0.400	ng		0.00
13) Acenaphthene-d10	14.739	164	4905	0.400	ng		0.00
19) Phenanthrene-d10	17.490	188	10233	0.400	ng		0.00
29) Chrysene-d12	21.682	240	9634	0.400	ng		0.00
35) Perylene-d12	24.208	264	8374	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.606	112	12021	1.687	ng		0.00
5) Phenol-d6	7.231	99	15089	1.815	ng		0.00
8) Nitrobenzene-d5	9.254	82	10350	1.642	ng		0.00
11) 2-Methylnaphthalene-d10	12.501	152	25715	1.734	ng		0.00
14) 2,4,6-Tribromophenol	16.229	330	3551	2.215	ng		0.00
15) 2-Fluorobiphenyl	13.371	172	35697	1.829	ng		0.00
27) Fluoranthene-d10	19.518	212	49679	1.788	ng		0.00
31) Terphenyl-d14	20.106	244	33690	1.283	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.410	88	6473	1.624	ng	#	88
3) n-Nitrosodimethylamine	3.743	42	6085	1.872	ng	#	98
6) bis(2-Chloroethyl)ether	7.498	93	15592	2.221	ng		99
9) Naphthalene	10.973	128	42774	1.660	ng		98
10) Hexachlorobutadiene	11.261	225	7581	1.643	ng	#	99
12) 2-Methylnaphthalene	12.198	142	7733	0.440	ng	#	88
16) Acenaphthylene	14.461	152	41407	1.757	ng		100
17) Acenaphthene	14.803	154	28389	1.753	ng		98
18) Fluorene	15.787	166	34771	1.688	ng		100
20) 4,6-Dinitro-2-methylph...	15.637	198	1	0.001	ng		94
21) 4-Bromophenyl-phenylether	16.680	248	11532	1.836	ng		98
22) Hexachlorobenzene	16.783	284	13327	1.883	ng		99
23) Atrazine	16.936	200	7027	1.738	ng		95
24) Pentachlorophenol	17.131	266	4386	2.752	ng		98
25) Phenanthrene	17.531	178	60386	1.773	ng		100
26) Anthracene	17.624	178	50533	1.776	ng		100
28) Fluoranthene	19.548	202	67782	1.904	ng		100
30) Pyrene	19.910	202	80318	1.619	ng		98
32) Benzo(a)anthracene	21.664	228	59628	1.902	ng		99
33) Chrysene	21.718	228	64702	1.661	ng		99
34) Bis(2-ethylhexyl)phtha...	21.583	149	25599	1.195	ng		100
36) Indeno(1,2,3-cd)pyrene	26.875	276	71775	1.938	ng		99
37) Benzo(b)fluoranthene	23.431	252	60200	1.723	ng		94
38) Benzo(k)fluoranthene	23.480	252	64438m	1.828	ng		
39) Benzo(a)pyrene	24.097	252	49957	1.715	ng	#	91
40) Dibenzo(a,h)anthracene	26.907	278	59469	2.076	ng		93
41) Benzo(g,h,i)perylene	27.699	276	61749	1.855	ng		98

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

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