Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042822\
Data File : BN019549.D
Acq On : 27 Apr 2022 17:42
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 04/28/2022
Supervised By :Jagrut Upadhyay 04/28/2022

Quant Time: Apr 28 02:20:40 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN042822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 28 02:19:34 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.883	152	4591	0.400	ng		0.00
7) Naphthalene-d8	10.669	136	12032	0.400	ng		0.00
13) Acenaphthene-d10	14.495	164	6143	0.400	ng		0.00
19) Phenanthrene-d10	17.236	188	11427	0.400	ng		0.00
29) Chrysene-d12	21.413	240	10187	0.400	ng		0.00
35) Perylene-d12	23.767	264	8877	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.464	112	18182	1.849	ng		0.00
5) Phenol-d6	7.038	99	21746	1.939	ng		0.00
8) Nitrobenzene-d5	9.025	82	13727	1.576	ng		0.00
11) 2-Methylnaphthalene-d10	12.257	152	30400	1.557	ng		0.00
14) 2,4,6-Tribromophenol	15.974	330	3091	1.126	ng		-0.01
15) 2-Fluorobiphenyl	13.127	172	42017	1.716	ng		0.00
27) Fluoranthene-d10	19.261	212	52614	1.575	ng		0.00
31) Terphenyl-d14	19.864	244	35913	1.561	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.384	88	8894m	1.472	ng		
3) n-Nitrosodimethylamine	3.687	42	7487	1.337	ng	#	93
6) bis(2-Chloroethyl)ether	7.305	93	19210	1.628	ng		99
9) Naphthalene	10.722	128	55469	1.586	ng		99
10) Hexachlorobutadiene	11.021	225	10524	1.371	ng	#	100
12) 2-Methylnaphthalene	12.329	142	35298	1.550	ng		99
16) Acenaphthylene	14.217	152	44912	1.607	ng		99
17) Acenaphthene	14.559	154	32216	1.651	ng		98
18) Fluorene	15.543	166	38958	1.522	ng		99
20) 4,6-Dinitro-2-methylph...	15.607	198	2560	2.230	ng	#	79
21) 4-Bromophenyl-phenylether	16.425	248	11364	1.624	ng		95
22) Hexachlorobenzene	16.548	284	13118	1.505	ng		99
23) Atrazine	16.692	200	6496	1.312	ng		95
24) Pentachlorophenol	16.887	266	4429	2.590	ng		95
25) Phenanthrene	17.277	178	60623	1.681	ng		100
26) Anthracene	17.369	178	51065	1.751	ng		100
28) Fluoranthene	19.291	202	65992	1.597	ng		100
30) Pyrene	19.653	202	65861	1.364	ng		100
32) Benzo(a)anthracene	21.404	228	57134	1.803	ng		99
33) Chrysene	21.449	228	63660	1.590	ng		99
34) Bis(2-ethylhexyl)phtha...	21.342	149	23335m	1.252	ng		
36) Indeno(1,2,3-cd)pyrene	26.191	276	68803	2.006	ng		100
37) Benzo(b)fluoranthene	23.056	252	57542	1.685	ng	#	91
38) Benzo(k)fluoranthene	23.100	252	60553	1.661	ng	#	91
39) Benzo(a)pyrene	23.662	252	45779	1.522	ng	#	87
40) Dibenzo(a,h)anthracene	26.208	278	56272	2.199	ng		95
41) Benzo(g,h,i)perylene	26.924	276	59139	1.680	ng		98

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

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