Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052223\
Data File : BN025544.D
Acq On : 22 May 2023 18:29
Operator : CG/JU
Sample : SSTDICV0.4
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
ICVBN052223

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 05/23/2023
Supervised By :Jagrut Upadhyay 05/23/2023

Quant Time: May 23 03:24:08 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN052223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 23 03:22:57 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.070	152	4789	0.400	ng		0.00
7) Naphthalene-d8	10.889	136	13634	0.400	ng		0.00
13) Acenaphthene-d10	14.694	164	8143	0.400	ng		0.00
19) Phenanthrene-d10	17.435	188	18195	0.400	ng		0.00
29) Chrysene-d12	21.607	240	13663	0.400	ng	#	0.00
35) Perylene-d12	24.126	264	13567	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.607	112	5386	0.437	ng		0.00
5) Phenol-d6	7.210	99	6810	0.439	ng		0.00
8) Nitrobenzene-d5	9.234	82	5150	0.410	ng		0.00
11) 2-Methylnaphthalene-d10	12.468	152	8119	0.406	ng		0.00
14) 2,4,6-Tribromophenol	16.181	330	1373	0.404	ng		0.00
15) 2-Fluorobiphenyl	13.326	172	14660	0.415	ng		0.00
27) Fluoranthene-d10	19.460	212	16893	0.392	ng		0.00
31) Terphenyl-d14	20.049	244	12012	0.425	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.448	88	2301	0.415	ng		97
3) n-Nitrosodimethylamine	3.787	42	2435	0.370	ng	#	99
6) bis(2-Chloroethyl)ether	7.485	93	6244	0.439	ng		99
9) Naphthalene	10.942	128	15432	0.408	ng		99
10) Hexachlorobutadiene	11.230	225	2736	0.415	ng	#	99
12) 2-Methylnaphthalene	12.540	142	10835	0.405	ng		99
16) Acenaphthylene	14.416	152	15433	0.386	ng		99
17) Acenaphthene	14.758	154	10888	0.395	ng		98
18) Fluorene	15.734	166	13765	0.400	ng		98
20) 4,6-Dinitro-2-methylph...	15.809	198	1712	0.356	ng		98
21) 4-Bromophenyl-phenylether	16.628	248	4385	0.407	ng		97
22) Hexachlorobenzene	16.740	284	4022	0.419	ng		100
23) Atrazine	16.889	200	3663	0.386	ng		98
24) Pentachlorophenol	17.087	266	1994	0.368	ng		98
25) Phenanthrene	17.472	178	23211	0.397	ng		100
26) Anthracene	17.571	178	20728	0.390	ng		100
28) Fluoranthene	19.490	202	25166	0.389	ng		99
30) Pyrene	19.852	202	25342	0.411	ng		100
32) Benzo(a)anthracene	21.598	228	21658	0.401	ng		99
33) Chrysene	21.652	228	22712	0.405	ng		99
34) Bis(2-ethylhexyl)phtha...	21.509	149	12459	0.371	ng		100
36) Indeno(1,2,3-cd)pyrene	26.755	276	25354	0.409	ng	#	87
37) Benzo(b)fluoranthene	23.351	252	21997	0.403	ng		98
38) Benzo(k)fluoranthene	23.407	252	22689m	0.408	ng		
39) Benzo(a)pyrene	24.012	252	20283	0.404	ng	#	96
40) Dibenzo(a,h)anthracene	26.787	278	20492	0.407	ng		99
41) Benzo(g,h,i)perylene	27.567	276	20742	0.392	ng		98

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

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