Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051623\
Data File : BN025442.D
Acq On : 16 May 2023 14:02
Operator : CG/JU
Sample : SSTDICV0.4
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
ICVBN051623

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 05/17/2023
Supervised By :Jagrut Upadhyay 05/17/2023

Quant Time: May 17 02:55:22 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN051623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 17 02:52:36 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.092	152	4506	0.400	ng		0.00
7) Naphthalene-d8	10.910	136	13042	0.400	ng		0.00
13) Acenaphthene-d10	14.715	164	7860	0.400	ng		0.00
19) Phenanthrene-d10	17.460	188	17979	0.400	ng		0.00
29) Chrysene-d12	21.656	240	14886	0.400	ng	#	0.00
35) Perylene-d12	24.177	264	15445	0.400	ng		-0.02
System Monitoring Compounds							
4) 2-Fluorophenol	5.622	112	4292	0.444	ng		0.00
5) Phenol-d6	7.232	99	5697	0.439	ng		0.00
8) Nitrobenzene-d5	9.255	82	4053	0.455	ng		0.00
11) 2-Methylnaphthalene-d10	12.491	152	7920	0.434	ng		0.00
14) 2,4,6-Tribromophenol	16.206	330	1183	0.444	ng		0.00
15) 2-Fluorobiphenyl	13.358	172	13489	0.469	ng		0.00
27) Fluoranthene-d10	19.490	212	18083	0.423	ng		0.00
31) Terphenyl-d14	20.080	244	12817	0.474	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.462	88	1965	0.466	ng		96
3) n-Nitrosodimethylamine	3.809	42	1707	0.333	ng	#	99
6) bis(2-Chloroethyl)ether	7.507	93	6340	0.377	ng		99
9) Naphthalene	10.963	128	14425	0.443	ng		99
10) Hexachlorobutadiene	11.252	225	2854	0.448	ng	#	98
12) 2-Methylnaphthalene	12.563	142	10421	0.435	ng		99
16) Acenaphthylene	14.438	152	16007	0.442	ng		100
17) Acenaphthene	14.780	154	10051	0.446	ng		99
18) Fluorene	15.759	166	13396	0.453	ng		96
20) 4,6-Dinitro-2-methylph...	15.834	198	1000	0.464	ng		92
21) 4-Bromophenyl-phenylether	16.653	248	4572	0.438	ng		96
22) Hexachlorobenzene	16.765	284	4345	0.449	ng		98
23) Atrazine	16.914	200	3553	0.405	ng		98
24) Pentachlorophenol	17.125	266	995	0.414	ng		96
25) Phenanthrene	17.497	178	22244	0.440	ng		100
26) Anthracene	17.596	178	20682	0.422	ng		100
28) Fluoranthene	19.515	202	25707	0.429	ng		100
30) Pyrene	19.878	202	25893	0.456	ng		100
32) Benzo(a)anthracene	21.638	228	23659	0.453	ng		98
33) Chrysene	21.692	228	24217	0.466	ng		100
34) Bis(2-ethylhexyl)phtha...	21.567	149	12564	0.411	ng		99
36) Indeno(1,2,3-cd)pyrene	26.823	276	26748m	0.429	ng		
37) Benzo(b)fluoranthene	23.400	252	23435	0.433	ng		99
38) Benzo(k)fluoranthene	23.449	252	24347	0.438	ng		100
39) Benzo(a)pyrene	24.060	252	21733	0.421	ng		99
40) Dibenzo(a,h)anthracene	26.850	278	21615m	0.431	ng		
41) Benzo(g,h,i)perylene	27.636	276	22929	0.434	ng		99

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

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