Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091422\
Data File : BN021735.D
Acq On : 13 Sep 2022 21:14
Operator : CG/JU
Sample : SSTDICC5.0
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Sep 14 01:34:34 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN091422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 14 01:24:46 2022
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 09/15/2022
Supervised By :Jagrut Upadhyay 09/15/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.054	152	5029	0.400	ng		0.00
7) Naphthalene-d8	10.887	136	15046	0.400	ng		0.00
13) Acenaphthene-d10	14.707	164	9585	0.400	ng		0.00
19) Phenanthrene-d10	17.456	188	19926	0.400	ng		0.00
29) Chrysene-d12	21.647	240	16693	0.400	ng	#	0.00
35) Perylene-d12	24.157	264	12545	0.400	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.584	112	58629	5.956	ng		0.00
5) Phenol-d6	7.209	99	78922	6.293	ng		0.00
8) Nitrobenzene-d5	9.222	82	63228	6.222	ng		-0.01
11) 2-Methylnaphthalene-d10	12.471	152	193422	5.704	ng		0.00
14) 2,4,6-Tribromophenol	16.197	330	24386	7.749	ng		-0.01
15) 2-Fluorobiphenyl	13.339	172	188165	4.491	ng		0.00
27) Fluoranthene-d10	19.489	212	272512	5.319	ng		0.00
31) Terphenyl-d14	20.080	244	147289	3.926	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.396	88	28768	4.574	ng		95
3) n-Nitrosodimethylamine	3.728	42	30134	5.317	ng	#	95
6) bis(2-Chloroethyl)ether	7.469	93	74928	4.747	ng		100
9) Naphthalene	10.930	128	214340	4.809	ng		99
10) Hexachlorobutadiene	11.218	225	34858	4.519	ng	#	99
12) 2-Methylnaphthalene	12.172	142	55195	9.775	ng	#	90
16) Acenaphthylene	14.429	152	249992	5.554	ng		100
17) Acenaphthene	14.771	154	153032m	4.833	ng		
18) Fluorene	15.758	166	201360	5.154	ng		98
21) 4-Bromophenyl-phenylether	16.647	248	62435	5.007	ng		94
22) Hexachlorobenzene	16.763	284	68863	4.517	ng		99
23) Atrazine	16.913	200	54744	7.524	ng		97
24) Pentachlorophenol	17.109	266	33573	10.336	ng		99
25) Phenanthrene	17.502	178	330956	4.812	ng		100
26) Anthracene	17.594	178	301582	5.520	ng		100
28) Fluoranthene	19.519	202	358534	5.017	ng		100
30) Pyrene	19.882	202	397308	4.466	ng		95
32) Benzo(a)anthracene	21.629	228	320443	5.512	ng		99
33) Chrysene	21.683	228	318321	4.596	ng		99
34) Bis(2-ethylhexyl)phtha...	21.539	149	223794	9.555	ng		99
36) Indeno(1,2,3-cd)pyrene	26.800	276	302607	5.343	ng		99
37) Benzo(b)fluoranthene	23.385	252	289687	4.685	ng		94
38) Benzo(k)fluoranthene	23.434	252	283341	4.552	ng		95
39) Benzo(a)pyrene	24.043	252	228284	5.290	ng	#	89
40) Dibenzo(a,h)anthracene	26.823	278	241953	5.307	ng		96
41) Benzo(g,h,i)perylene	27.615	276	247687	4.953	ng		98

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

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