Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091422\
Data File : BN021736.D
Acq On : 13 Sep 2022 21:51
Operator : CG/JU
Sample : SSTDICV0.4
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
ICVBN091422

Quant Time: Sep 14 01:57:54 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 01:55:04 2022
Response via : Initial Calibration

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	4471	0.400	ng	0.00
7) Naphthalene-d8	10.887	136	14100	0.400	ng	0.00
13) Acenaphthene-d10	14.707	164	8904	0.400	ng	0.00
19) Phenanthrene-d10	17.456	188	19950	0.400	ng	0.00
29) Chrysene-d12	21.647	240	15172	0.400	ng	# 0.00
35) Perylene-d12	24.160	264	11938	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.584	112	4259	0.364	ng	0.00
5) Phenol-d6	7.209	99	5338	0.360	ng	0.00
8) Nitrobenzene-d5	9.233	82	4192	0.360	ng	0.00
11) 2-Methylnaphthalene-d10	12.475	152	12915	0.363	ng	0.00
14) 2,4,6-Tribromophenol	16.197	330	1369	0.336	ng	-0.01
15) 2-Fluorobiphenyl	13.339	172	14005	0.385	ng	0.00
27) Fluoranthene-d10	19.490	212	19826	0.369	ng	0.00
31) Terphenyl-d14	20.080	244	13786	0.397	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.403	88	2265	0.392	ng	96
3) n-Nitrosodimethylamine	3.735	42	2192	0.373	ng	# 94
6) bis(2-Chloroethyl)ether	7.469	93	5592	0.380	ng	99
9) Naphthalene	10.941	128	15940	0.383	ng	100
10) Hexachlorobutadiene	11.218	225	2695	0.388	ng	# 99
12) 2-Methylnaphthalene	12.176	142	2973	0.333	ng	98
16) Acenaphthylene	14.429	152	15166	0.357	ng	100
17) Acenaphthene	14.771	154	11067	0.381	ng	100
18) Fluorene	15.758	166	14776	0.383	ng	100
21) 4-Bromophenyl-phenylether	16.647	248	4608	0.375	ng	97
22) Hexachlorobenzene	16.763	284	5372	0.389	ng	100
23) Atrazine	16.913	200	3500	0.345	ng	100
24) Pentachlorophenol	17.109	266	1485	0.286	ng	99
25) Phenanthrene	17.502	178	25430	0.380	ng	100
26) Anthracene	17.594	178	20404	0.360	ng	100
28) Fluoranthene	19.519	202	26782	0.371	ng	100
30) Pyrene	19.882	202	29387	0.390	ng	99
32) Benzo(a)anthracene	21.629	228	21137	0.363	ng	99
33) Chrysene	21.683	228	23697	0.392	ng	99
34) Bis(2-ethylhexyl)phtha...	21.540	149	17361	0.447	ng	100
36) Indeno(1,2,3-cd)pyrene	26.797	276	21961	0.387	ng	99
37) Benzo(b)fluoranthene	23.385	252	20865	0.385	ng	99
38) Benzo(k)fluoranthene	23.434	252	20899m	0.394	ng	
39) Benzo(a)pyrene	24.046	252	16193	0.375	ng	99
40) Dibenzo(a,h)anthracene	26.820	278	17484	0.389	ng	99
41) Benzo(g,h,i)perylene	27.615	276	17929	0.388	ng	100

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

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