Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091422\
Data File : BN021730.D
Acq On : 13 Sep 2022 18:07
Operator : CG/JU
Sample : SSTDICC0.2
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Sep 14 01:32:16 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 :
SSTDICC0.2

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	8.062	152	5141	0.400	ng		0.00
7) Naphthalene-d8	10.888	136	16402	0.400	ng		0.00
13) Acenaphthene-d10	14.707	164	10407	0.400	ng		0.00
19) Phenanthrene-d10	17.456	188	22610	0.400	ng		0.00
29) Chrysene-d12	21.652	240	16954	0.400	ng	#	0.00
35) Perylene-d12	24.167	264	14464	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.584	112	3560	0.354	ng		0.00
5) Phenol-d6	7.209	99	4427	0.345	ng		0.00
8) Nitrobenzene-d5	9.233	82	3349	0.302	ng		0.00
11) 2-Methylnaphthalene-d10	12.475	152	10682	0.289	ng		0.00
14) 2,4,6-Tribromophenol	16.209	330	1113	0.326	ng		0.00
15) 2-Fluorobiphenyl	13.339	172	10696	0.235	ng		0.00
27) Fluoranthene-d10	19.494	212	14989	0.258	ng		0.00
31) Terphenyl-d14	20.085	244	10472	0.275	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.403	88	1678	0.261	ng		98
3) n-Nitrosodimethylamine	3.743	42	1711	0.295	ng	#	98
6) bis(2-Chloroethyl)ether	7.469	93	4412	0.273	ng		99
9) Naphthalene	10.941	128	12284	0.253	ng		99
10) Hexachlorobutadiene	11.219	225	2083	0.248	ng	#	99
12) 2-Methylnaphthalene	12.176	142	2411	0.392	ng	#	93
16) Acenaphthylene	14.429	152	11596	0.237	ng		100
17) Acenaphthene	14.771	154	8455	0.246	ng		99
18) Fluorene	15.758	166	11197	0.264	ng		100
21) 4-Bromophenyl-phenylether	16.647	248	3501	0.247	ng		100
22) Hexachlorobenzene	16.763	284	4039	0.233	ng		100
23) Atrazine	16.913	200	2759	0.334	ng		99
24) Pentachlorophenol	17.109	266	1252	0.340	ng		99
25) Phenanthrene	17.502	178	19143	0.245	ng		100
26) Anthracene	17.594	178	15355	0.248	ng		100
28) Fluoranthene	19.523	202	20104	0.248	ng		100
30) Pyrene	19.886	202	22065	0.244	ng		99
32) Benzo(a)anthracene	21.634	228	16097	0.273	ng		99
33) Chrysene	21.688	228	17492	0.249	ng		99
34) Bis(2-ethylhexyl)phtha...	21.544	149	10687	0.449	ng		99
36) Indeno(1,2,3-cd)pyrene	26.810	276	16727	0.256	ng		100
37) Benzo(b)fluoranthene	23.389	252	16199m	0.227	ng		
38) Benzo(k)fluoranthene	23.442	252	15346	0.214	ng		95
39) Benzo(a)pyrene	24.053	252	12998	0.261	ng	#	90
40) Dibenzo(a,h)anthracene	26.834	278	13081	0.249	ng		98
41) Benzo(g,h,i)perylene	27.629	276	13602	0.236	ng		98

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

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