Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071124\
Data File : BN032617.D
Acq On : 10 Jul 2024 16:30
Operator : MA/JU
Sample : SSTDICC0.2
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jul 10 23:36:36 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN071124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 10 23:34:33 2024
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/11/2024
Supervised By :mohammad ahmed 07/11/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.574	152	4107	0.400	ng		0.00
7) Naphthalene-d8	10.368	136	12794	0.400	ng		0.01
13) Acenaphthene-d10	14.221	164	8748	0.400	ng		0.01
19) Phenanthrene-d10	16.991	188	19183	0.400	ng		0.01
29) Chrysene-d12	21.202	240	15620	0.400	ng		0.00
35) Perylene-d12	23.402	264	15078	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.205	112	2011	0.194	ng		0.00
5) Phenol-d6	6.823	99	2262	0.175	ng		0.03
8) Nitrobenzene-d5	8.809	82	1732	0.180	ng		0.03
11) 2-Methylnaphthalene-d10	11.983	152	3683	0.188	ng		0.02
14) 2,4,6-Tribromophenol	15.750	330	655	0.175	ng		0.01
15) 2-Fluorobiphenyl	12.863	172	6071	0.186	ng		0.01
27) Fluoranthene-d10	19.026	212	9463	0.191	ng		0.00
31) Terphenyl-d14	19.635	244	6201	0.194	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.140	88	1078	0.212	ng	#	97
3) n-Nitrosodimethylamine	3.479	42	838	0.195	ng	#	99
6) bis(2-Chloroethyl)ether	7.040	93	1728	0.160	ng		95
9) Naphthalene	10.411	128	6872	0.194	ng	#	94
10) Hexachlorobutadiene	10.645	225	1379	0.204	ng	#	100
12) 2-Methylnaphthalene	12.058	142	4254	0.184	ng		96
16) Acenaphthylene	13.943	152	6373	0.179	ng		98
17) Acenaphthene	14.285	154	4760	0.189	ng		100
18) Fluorene	15.290	166	6444	0.191	ng		100
20) 4,6-Dinitro-2-methylph...	15.493	198	269	0.350	ng	#	31
21) 4-Bromophenyl-phenylether	16.185	248	2098	0.186	ng		92
22) Hexachlorobenzene	16.284	284	2435	0.193	ng		97
23) Atrazine	16.470	200	1492	0.180	ng		95
24) Pentachlorophenol	16.669	266	772	0.165	ng		97
25) Phenanthrene	17.029	178	9461	0.180	ng		99
26) Anthracene	17.128	178	7118	0.165	ng		99
28) Fluoranthene	19.059	202	11847	0.187	ng		99
30) Pyrene	19.426	202	12255	0.192	ng		100
32) Benzo(a)anthracene	21.184	228	8415	0.170	ng		98
33) Chrysene	21.238	228	11768	0.200	ng		99
34) Bis(2-ethylhexyl)phtha...	21.086	149	5344	0.195	ng		100
36) Indeno(1,2,3-cd)pyrene	25.639	276	10630	0.179	ng		98
37) Benzo(b)fluoranthene	22.744	252	9009	0.172	ng	#	86
38) Benzo(k)fluoranthene	22.785	252	11516m	0.189	ng		
39) Benzo(a)pyrene	23.315	252	8607	0.182	ng	#	80
40) Dibenzo(a,h)anthracene	25.648	278	8413	0.179	ng	#	90
41) Benzo(g,h,i)perylene	26.311	276	9713	0.187	ng		96

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

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