Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110724\
Data File : BN034886.D
Acq On : 07 Nov 2024 10:48
Operator : RC/JU
Sample : SSTDICC0.2
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Nov 07 14:40:16 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN110724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 07 14:34:20 2024
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/08/2024
Supervised By :mohammad ahmed 11/08/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.575	152	5400	0.400	ng		0.00
7) Naphthalene-d8	10.340	136	15723	0.400	ng		0.00
13) Acenaphthene-d10	14.201	164	6785	0.400	ng		-0.01
19) Phenanthrene-d10	16.957	188	14024	0.400	ng		0.00
29) Chrysene-d12	21.151	240	8450	0.400	ng		0.00
35) Perylene-d12	23.317	264	7815	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.192	112	3053	0.203	ng		0.00
5) Phenol-d6	6.752	99	3885	0.194	ng		0.00
8) Nitrobenzene-d5	8.707	82	2366	0.193	ng		0.00
11) 2-Methylnaphthalene-d10	11.935	152	4079	0.190	ng		0.00
14) 2,4,6-Tribromophenol	15.704	330	320	0.196	ng		0.00
15) 2-Fluorobiphenyl	12.822	172	5892	0.206	ng		-0.01
27) Fluoranthene-d10	18.987	212	5926	0.187	ng		0.00
31) Terphenyl-d14	19.601	244	3169	0.200	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.184	88	1518	0.222	ng		95
3) n-Nitrosodimethylamine	3.480	42	1930	0.210	ng		98
6) bis(2-Chloroethyl)ether	7.004	93	3421	0.198	ng		99
9) Naphthalene	10.383	128	8538	0.196	ng		99
10) Hexachlorobutadiene	10.682	225	1413	0.203	ng	#	100
12) 2-Methylnaphthalene	12.007	142	5037	0.189	ng		98
16) Acenaphthylene	13.923	152	6195	0.189	ng		100
17) Acenaphthene	14.265	154	4347	0.192	ng		99
18) Fluorene	15.259	166	5429	0.193	ng		100
20) 4,6-Dinitro-2-methylph...	15.334	198	229	0.203	ng	#	73
21) 4-Bromophenyl-phenylether	16.163	248	1410	0.189	ng		99
22) Hexachlorobenzene	16.262	284	1785	0.198	ng		99
23) Atrazine	16.436	200	957	0.177	ng		96
24) Pentachlorophenol	16.610	266	384	0.205	ng		98
25) Phenanthrene	16.995	178	8193	0.190	ng		100
26) Anthracene	17.081	178	6756	0.182	ng		100
28) Fluoranthene	19.020	202	8296	0.183	ng		99
30) Pyrene	19.382	202	8470	0.198	ng		100
32) Benzo(a)anthracene	21.134	228	6220	0.189	ng		99
33) Chrysene	21.178	228	6897	0.198	ng		97
34) Bis(2-ethylhexyl)phtha...	21.089	149	3687	0.195	ng		98
36) Indeno(1,2,3-cd)pyrene	25.472	276	6848	0.197	ng		99
37) Benzo(b)fluoranthene	22.671	252	6257	0.182	ng	#	90
38) Benzo(k)fluoranthene	22.715	252	6824m	0.191	ng		
39) Benzo(a)pyrene	23.221	252	4882	0.179	ng	#	88
40) Dibenzo(a,h)anthracene	25.487	278	5297	0.197	ng		96
41) Benzo(g,h,i)perylene	26.124	276	5602	0.196	ng		97

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

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