Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112724\
Data File : BN035357.D
Acq On : 27 Nov 2024 20:21
Operator : RC/JU
Sample : SSTDICV0.4
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
ICVBN112724

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/29/2024
Supervised By :mohammad ahmed 12/03/2024

Quant Time: Nov 27 23:06:03 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN112724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 27 23:03:24 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.308	152	1540	0.400	ng		0.00
7) Naphthalene-d8	10.052	136	3904	0.400	ng		0.00
13) Acenaphthene-d10	13.967	164	2879	0.400	ng		0.00
19) Phenanthrene-d10	16.723	188	7350	0.400	ng		#-0.01
29) Chrysene-d12	20.974	240	7576	0.400	ng		0.00
35) Perylene-d12	23.067	264	8338	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	4.968	112	1280	0.332	ng		0.00
5) Phenol-d6	6.513	99	1437	0.310	ng		0.00
8) Nitrobenzene-d5	8.440	82	938m	0.393	ng		0.00
11) 2-Methylnaphthalene-d10	11.656	152	2565	0.420	ng		0.00
14) 2,4,6-Tribromophenol	15.475	330	617	0.302	ng		0.00
15) 2-Fluorobiphenyl	12.574	172	4647	0.427	ng		0.00
27) Fluoranthene-d10	18.785	212	8415	0.404	ng		0.00
31) Terphenyl-d14	19.412	244	6272	0.420	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.003	88	684	0.465	ng		99
3) n-Nitrosodimethylamine	3.299	42	495	0.404	ng	#	88
6) bis(2-Chloroethyl)ether	6.759	93	1676	0.430	ng		99
9) Naphthalene	10.105	128	4364	0.424	ng		99
10) Hexachlorobutadiene	10.404	225	1005	0.423	ng	#	100
12) 2-Methylnaphthalene	11.732	142	3157	0.428	ng		98
16) Acenaphthylene	13.679	152	5261	0.435	ng		100
17) Acenaphthene	14.031	154	3421	0.426	ng		99
18) Fluorene	15.026	166	4825	0.420	ng		99
20) 4,6-Dinitro-2-methylph...	15.132	198	263	0.364	ng	#	86
21) 4-Bromophenyl-phenylether	15.941	248	1742	0.405	ng		99
22) Hexachlorobenzene	16.040	284	2151	0.426	ng		99
23) Atrazine	16.227	200	1227	0.401	ng		99
24) Pentachlorophenol	16.400	266	662	0.301	ng	#	83
25) Phenanthrene	16.773	178	8509	0.421	ng		100
26) Anthracene	16.860	178	7849	0.430	ng		100
28) Fluoranthene	18.812	202	10941	0.402	ng		100
30) Pyrene	19.179	202	11476	0.410	ng		100
32) Benzo(a)anthracene	20.956	228	10934	0.413	ng		100
33) Chrysene	21.009	228	11926	0.436	ng		99
34) Bis(2-ethylhexyl)phtha...	20.929	149	4016	0.384	ng		100
36) Indeno(1,2,3-cd)pyrene	25.105	276	14433	0.443	ng		99
37) Benzo(b)fluoranthene	22.453	252	12988	0.426	ng		99
38) Benzo(k)fluoranthene	22.494	252	12669	0.422	ng		99
39) Benzo(a)pyrene	22.974	252	11094	0.442	ng		99
40) Dibenzo(a,h)anthracene	25.123	278	11141	0.433	ng		100
41) Benzo(g,h,i)perylene	25.722	276	10870	0.404	ng		99

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

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