Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN022424\
Data File : BN030015.D
Acq On : 25 Feb 2024 05:55
Operator : MA/JU
Sample : PB159197BSD
Misc :
ALS Vial : 65 Sample Multiplier: 1

Quant Time: Feb 26 02:48:11 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN012924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 26 02:39:45 2024
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
PB159197BSD

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 02/26/2024
Supervised By :mohammad ahmed 02/27/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.854	152	4774	0.400	ng	0.00
7) Naphthalene-d8	10.648	136	12271	0.400	ng	0.00
13) Acenaphthene-d10	14.500	164	5323	0.400	ng	0.01
19) Phenanthrene-d10	17.255	188	9791	0.400	ng	0.00
29) Chrysene-d12	21.456	240	6228	0.400	ng	0.00
35) Perylene-d12	23.823	264	5717	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.435	112	4213	0.367	ng	0.00
5) Phenol-d6	7.031	99	4804	0.363	ng	0.00
8) Nitrobenzene-d5	9.025	82	3960	0.388	ng	0.01
11) 2-Methylnaphthalene-d10	12.246	152	7378	0.442	ng	0.00
14) 2,4,6-Tribromophenol	16.002	330	492	0.288	ng	0.00
15) 2-Fluorobiphenyl	13.121	172	8909	0.390	ng	0.00
27) Fluoranthene-d10	19.289	212	8156	0.344	ng	0.00
31) Terphenyl-d14	19.903	244	6336	0.410	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.355	88	1823	0.271	ng	# 25
3) n-Nitrosodimethylamine	3.687	42	2106	0.385	ng	# 91
6) bis(2-Chloroethyl)ether	7.298	93	4766	0.378	ng	100
9) Naphthalene	10.701	128	12455	0.356	ng	100
10) Hexachlorobutadiene	10.979	225	2424	0.366	ng	# 100
12) 2-Methylnaphthalene	12.321	142	7096	0.346	ng	98
16) Acenaphthylene	14.222	152	8894	0.352	ng	100
17) Acenaphthene	14.564	154	5861	0.345	ng	100
18) Fluorene	15.555	166	7157	0.336	ng	98
20) 4,6-Dinitro-2-methylph...	15.667	198	362	0.252	ng	# 87
21) 4-Bromophenyl-phenylether	16.461	248	2136m	0.367	ng	
22) Hexachlorobenzene	16.548	284	2677	0.375	ng	94
23) Atrazine	16.746	200	1466	0.354	ng	99
24) Pentachlorophenol	16.908	266	983	0.434	ng	97
25) Phenanthrene	17.293	178	9939	0.343	ng	99
26) Anthracene	17.392	178	8316	0.337	ng	100
28) Fluoranthene	19.322	202	10565	0.324	ng	98
30) Pyrene	19.684	202	10715	0.374	ng	100
32) Benzo(a)anthracene	21.447	228	7288	0.343	ng	99
33) Chrysene	21.492	228	9083	0.376	ng	100
34) Bis(2-ethylhexyl)phtha...	21.384	149	4406	0.304	ng	97
36) Indeno(1,2,3-cd)pyrene	26.285	276	9713m	0.423	ng	
37) Benzo(b)fluoranthene	23.107	252	7397	0.362	ng	94
38) Benzo(k)fluoranthene	23.157	252	7878	0.368	ng	94
39) Benzo(a)pyrene	23.721	252	7266	0.408	ng	# 89
40) Dibenzo(a,h)anthracene	26.320	278	7390	0.404	ng	95
41) Benzo(g,h,i)perylene	27.013	276	8729	0.392	ng	98

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

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