Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN011924\
Data File : BN029312.D
Acq On : 19 Jan 2024 19:31
Operator : MA/JU
Sample : PB158469BSD
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Jan 19 21:39:14 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN011824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 18 16:49:42 2024
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
PB158469BSD

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 01/23/2024
Supervised By :mohammad ahmed 01/24/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.941	152	3648	0.400	ng	0.00
7) Naphthalene-d8	10.744	136	10042	0.400	ng	0.00
13) Acenaphthene-d10	14.575	164	5443	0.400	ng	0.00
19) Phenanthrene-d10	17.330	188	13360	0.400	ng	0.00
29) Chrysene-d12	21.528	240	10488	0.400	ng	# 0.00
35) Perylene-d12	23.934	264	9842	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.507	112	3557	0.393	ng	0.00
5) Phenol-d6	7.103	99	4685	0.391	ng	0.00
8) Nitrobenzene-d5	9.099	82	2781	0.299	ng	0.00
11) 2-Methylnaphthalene-d10	12.329	152	6649m	0.388	ng	0.00
14) 2,4,6-Tribromophenol	16.064	330	780	0.467	ng	0.00
15) 2-Fluorobiphenyl	13.207	172	8123	0.321	ng	0.00
27) Fluoranthene-d10	19.359	212	11191	0.276	ng	0.00
31) Terphenyl-d14	19.968	244	8860	0.337	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.413	88	1541	0.346	ng	# 53
3) n-Nitrosodimethylamine	3.745	42	1398	0.316	ng	# 97
6) bis(2-Chloroethyl)ether	7.370	93	3525	0.313	ng	99
9) Naphthalene	10.786	128	9063	0.290	ng	99
10) Hexachlorobutadiene	11.064	225	1908	0.282	ng	# 100
12) 2-Methylnaphthalene	12.405	142	5722	0.272	ng	99
16) Acenaphthylene	14.297	152	8535	0.308	ng	100
17) Acenaphthene	14.639	154	5364	0.286	ng	98
18) Fluorene	15.617	166	7500	0.292	ng	99
20) 4,6-Dinitro-2-methylph...	15.704	198	440	0.331	ng	# 86
21) 4-Bromophenyl-phenylether	16.523	248	2444	0.344	ng	99
22) Hexachlorobenzene	16.622	284	3201	0.275	ng	97
23) Atrazine	16.796	200	1822	0.277	ng	100
24) Pentachlorophenol	16.970	266	1449	0.404	ng	96
25) Phenanthrene	17.367	178	12848	0.288	ng	100
26) Anthracene	17.454	178	10886	0.279	ng	100
28) Fluoranthene	19.392	202	14095	0.258	ng	100
30) Pyrene	19.754	202	13779	0.311	ng	100
32) Benzo(a)anthracene	21.510	228	11938	0.295	ng	100
33) Chrysene	21.564	228	12676	0.293	ng	99
34) Bis(2-ethylhexyl)phtha...	21.456	149	5340	0.293	ng	100
36) Indeno(1,2,3-cd)pyrene	26.428	276	12200	0.277	ng	99
37) Benzo(b)fluoranthene	23.201	252	11867	0.286	ng	97
38) Benzo(k)fluoranthene	23.250	252	11311	0.281	ng	96
39) Benzo(a)pyrene	23.826	252	8917	0.267	ng	95
40) Dibenzo(a,h)anthracene	26.458	278	9806	0.276	ng	95
41) Benzo(g,h,i)perylene	27.191	276	10447	0.279	ng	98

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

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