Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121924\
Data File : BN035728.D
Acq On : 20 Dec 2024 05:34
Operator : RC/JU
Sample : PB165596BS
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB165596BS

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/24/2024

Quant Time: Dec 20 05:56:41 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN112724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 19 23:06:19 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.271	152	2951	0.400	ng	0.00
7) Naphthalene-d8	10.020	136	7713	0.400	ng	# 0.00
13) Acenaphthene-d10	13.935	164	4640	0.400	ng	0.00
19) Phenanthrene-d10	16.698	188	8678	0.400	ng	# 0.00
29) Chrysene-d12	20.956	240	8066	0.400	ng	0.00
35) Perylene-d12	23.041	264	8916	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	4.939	112	2478	0.336	ng	0.00
5) Phenol-d6	6.491	99	2705	0.305	ng	0.00
8) Nitrobenzene-d5	8.408	82	2172m	0.461	ng	0.00
11) 2-Methylnaphthalene-d10	11.621	152	5532	0.458	ng	0.00
14) 2,4,6-Tribromophenol	15.453	330	599	0.182	ng	0.00
15) 2-Fluorobiphenyl	12.543	172	6241	0.356	ng	0.00
27) Fluoranthene-d10	18.761	212	9334	0.379	ng	0.00
31) Terphenyl-d14	19.393	244	6996	0.440	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.981	88	1038	0.368	ng	# 78
3) n-Nitrosodimethylamine	3.270	42	1014	0.432	ng	# 98
6) bis(2-Chloroethyl)ether	6.723	93	2623	0.351	ng	100
9) Naphthalene	10.063	128	7072	0.348	ng	99
10) Hexachlorobutadiene	10.361	225	1809	0.386	ng	# 100
12) 2-Methylnaphthalene	11.697	142	4509	0.310	ng	97
16) Acenaphthylene	13.646	152	7020	0.360	ng	100
17) Acenaphthene	13.999	154	4501	0.348	ng	99
18) Fluorene	15.004	166	5615	0.303	ng	100
20) 4,6-Dinitro-2-methylph...	15.143	198	66	0.077	ng	# 1
21) 4-Bromophenyl-phenylether	15.916	248	1712	0.337	ng	# 96
22) Hexachlorobenzene	16.015	284	2386	0.400	ng	97
23) Atrazine	16.202	200	1432	0.396	ng	92
24) Pentachlorophenol	16.375	266	1508	0.582	ng	# 84
25) Phenanthrene	16.748	178	8179	0.343	ng	99
26) Anthracene	16.835	178	7420	0.344	ng	100
28) Fluoranthene	18.794	202	9920	0.309	ng	100
30) Pyrene	19.161	202	10720	0.360	ng	99
32) Benzo(a)anthracene	20.938	228	9343	0.331	ng	99
33) Chrysene	20.991	228	11373	0.391	ng	99
34) Bis(2-ethylhexyl)phtha...	20.911	149	4399	0.395	ng	# 98
36) Indeno(1,2,3-cd)pyrene	25.067	276	13020	0.374	ng	95
37) Benzo(b)fluoranthene	22.430	252	14339	0.440	ng	94
38) Benzo(k)fluoranthene	22.471	252	11726	0.365	ng	95
39) Benzo(a)pyrene	22.953	252	10176	0.379	ng	# 91
40) Dibenzo(a,h)anthracene	25.087	278	9971	0.363	ng	95
41) Benzo(g,h,i)perylene	25.675	276	10457	0.364	ng	99

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

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