Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN073124\
Data File : BN033121.D
Acq On : 31 Jul 2024 02:01
Operator : MA/JU
Sample : PB162359BSD
Misc :
ALS Vial : 56 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB162359BSD

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/31/2024
Supervised By :mohammad ahmed 07/31/2024

Quant Time: Jul 31 03:43:35 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN071124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 29 10:37:08 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.539	152	1122	0.400	ng	# 0.01
7) Naphthalene-d8	10.351	136	4774	0.400	ng	# 0.02
13) Acenaphthene-d10	14.169	164	3402	0.400	ng	0.00
19) Phenanthrene-d10	16.957	188	8115	0.400	ng	0.00
29) Chrysene-d12	21.151	240	8576	0.400	ng	0.00
35) Perylene-d12	23.338	264	9365	0.400	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.271	112	1412m	0.498	ng	0.03
5) Phenol-d6	6.954	99	2037m	0.578	ng	0.05
8) Nitrobenzene-d5	8.920	82	1229	0.342	ng	0.06
11) 2-Methylnaphthalene-d10	11.965	152	2937	0.402	ng	0.02
14) 2,4,6-Tribromophenol	15.741	330	447	0.307	ng	0.00
15) 2-Fluorobiphenyl	12.843	172	4573	0.361	ng	0.02
27) Fluoranthene-d10	18.983	212	8774	0.418	ng	0.00
31) Terphenyl-d14	19.582	244	5769	0.328	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.090	88	729	0.524	ng	# 89
3) n-Nitrosodimethylamine	3.473	42	591	0.503	ng	# 82
6) bis(2-Chloroethyl)ether	7.048	93	1120	0.380	ng	# 79
9) Naphthalene	10.404	128	5196	0.393	ng	# 89
10) Hexachlorobutadiene	10.564	225	941	0.373	ng	# 100
12) 2-Methylnaphthalene	12.045	142	3034	0.351	ng	# 93
16) Acenaphthylene	13.901	152	5322	0.385	ng	99
17) Acenaphthene	14.233	154	3903	0.398	ng	99
18) Fluorene	15.248	166	5313	0.405	ng	98
21) 4-Bromophenyl-phenylether	16.150	248	1560	0.327	ng	95
22) Hexachlorobenzene	16.237	284	1745	0.327	ng	91
23) Atrazine	16.436	200	1166	0.332	ng	95
24) Pentachlorophenol	16.659	266	482	0.243	ng	93
25) Phenanthrene	16.994	178	8229	0.371	ng	100
26) Anthracene	17.106	178	5726	0.314	ng	99
28) Fluoranthene	19.015	202	11479	0.428	ng	100
30) Pyrene	19.382	202	11946	0.341	ng	99
32) Benzo(a)anthracene	21.142	228	9969	0.368	ng	99
33) Chrysene	21.187	228	12847	0.399	ng	98
34) Bis(2-ethylhexyl)phtha...	21.017	149	8411	0.560	ng	# 93
36) Indeno(1,2,3-cd)pyrene	25.551	276	14642	0.397	ng	99
37) Benzo(b)fluoranthene	22.683	252	11213	0.344	ng	98
38) Benzo(k)fluoranthene	22.727	252	14032	0.376	ng	98
39) Benzo(a)pyrene	23.253	252	10762	0.366	ng	97
40) Dibenzo(a,h)anthracene	25.545	278	11619	0.398	ng	98
41) Benzo(g,h,i)perylene	26.224	276	13480	0.417	ng	97

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

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