Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082924\
Data File : BN033686.D
Acq On : 30 Aug 2024 01:46
Operator : MA/JU
Sample : PB163051BSD
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB163051BSD

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 08/30/2024
Supervised By :mohammad ahmed 09/02/2024

Quant Time: Aug 30 02:14:58 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN082924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 29 23:33:13 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.531	152	6371	0.400	ng	0.00
7) Naphthalene-d8	10.282	136	16650	0.400	ng	#-0.01
13) Acenaphthene-d10	14.167	164	7628	0.400	ng	0.00
19) Phenanthrene-d10	16.917	188	14691	0.400	ng	0.00
29) Chrysene-d12	21.121	240	10483	0.400	ng	0.00
35) Perylene-d12	23.282	264	11098	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.169	112	7229	0.377	ng	0.00
5) Phenol-d6	6.714	99	8524	0.377	ng	0.00
8) Nitrobenzene-d5	8.659	82	5216	0.377	ng	0.00
11) 2-Methylnaphthalene-d10	11.884	152	8976	0.382	ng	0.00
14) 2,4,6-Tribromophenol	15.663	330	1306	0.357	ng	0.00
15) 2-Fluorobiphenyl	12.777	172	12606	0.392	ng	0.00
27) Fluoranthene-d10	18.956	212	13406	0.370	ng	0.00
31) Terphenyl-d14	19.570	244	8966	0.404	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.176	88	2802	0.378	ng	99
3) n-Nitrosodimethylamine	3.464	42	3246	0.373	ng	# 97
6) bis(2-Chloroethyl)ether	6.967	93	6787	0.393	ng	100
9) Naphthalene	10.336	128	17056	0.383	ng	99
10) Hexachlorobutadiene	10.635	225	3525	0.382	ng	# 99
12) 2-Methylnaphthalene	11.960	142	10403	0.379	ng	99
16) Acenaphthylene	13.879	152	12423	0.376	ng	100
17) Acenaphthene	14.221	154	8745	0.381	ng	99
18) Fluorene	15.215	166	10868	0.382	ng	99
20) 4,6-Dinitro-2-methylph...	15.301	198	756	0.339	ng	84
21) 4-Bromophenyl-phenylether	16.123	248	3354	0.395	ng	95
22) Hexachlorobenzene	16.222	284	3863	0.398	ng	99
23) Atrazine	16.396	200	2479	0.366	ng	98
24) Pentachlorophenol	16.569	266	1268	0.289	ng	98
25) Phenanthrene	16.954	178	15550	0.381	ng	100
26) Anthracene	17.041	178	13300	0.376	ng	100
28) Fluoranthene	18.984	202	16858	0.366	ng	100
30) Pyrene	19.351	202	17097	0.403	ng	100
32) Benzo(a)anthracene	21.104	228	14249	0.385	ng	99
33) Chrysene	21.157	228	15182	0.401	ng	99
34) Bis(2-ethylhexyl)phtha...	21.068	149	8146m	0.389	ng	
36) Indeno(1,2,3-cd)pyrene	25.422	276	18884	0.397	ng	100
37) Benzo(b)fluoranthene	22.642	252	15810	0.388	ng	98
38) Benzo(k)fluoranthene	22.683	252	15634	0.391	ng	99
39) Benzo(a)pyrene	23.189	252	13172	0.387	ng	99
40) Dibenzo(a,h)anthracene	25.437	278	14845	0.392	ng	99
41) Benzo(g,h,i)perylene	26.072	276	16310	0.396	ng	100

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

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