Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082924\
Data File : BN033685.D
Acq On : 30 Aug 2024 01:10
Operator : MA/JU
Sample : PB163051BS
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB163051BS

Manual Integrations APPROVED

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

Quant Time: Aug 30 01:49:32 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	7.530	152	6649	0.400	ng		0.00
7) Naphthalene-d8	10.282	136	17247	0.400	ng		#-0.01
13) Acenaphthene-d10	14.167	164	7916	0.400	ng		0.00
19) Phenanthrene-d10	16.917	188	14882	0.400	ng		0.00
29) Chrysene-d12	21.121	240	10836	0.400	ng		0.00
35) Perylene-d12	23.282	264	11830	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.169	112	7577	0.379	ng		0.00
5) Phenol-d6	6.721	99	9019	0.382	ng		0.00
8) Nitrobenzene-d5	8.659	82	5359	0.374	ng		0.00
11) 2-Methylnaphthalene-d10	11.884	152	9346	0.384	ng		0.00
14) 2,4,6-Tribromophenol	15.663	330	1303	0.343	ng		0.00
15) 2-Fluorobiphenyl	12.777	172	13001	0.390	ng		0.00
27) Fluoranthene-d10	18.956	212	13847	0.377	ng		0.00
31) Terphenyl-d14	19.569	244	9267	0.404	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.175	88	2925	0.379	ng		99
3) n-Nitrosodimethylamine	3.464	42	3326	0.367	ng		96
6) bis(2-Chloroethyl)ether	6.967	93	7143	0.396	ng		100
9) Naphthalene	10.336	128	17727	0.384	ng		99
10) Hexachlorobutadiene	10.634	225	3690	0.386	ng	#	99
12) 2-Methylnaphthalene	11.960	142	10819	0.380	ng		99
16) Acenaphthylene	13.878	152	12765	0.373	ng		100
17) Acenaphthene	14.221	154	9113	0.382	ng		99
18) Fluorene	15.215	166	11115	0.376	ng		100
20) 4,6-Dinitro-2-methylph...	15.300	198	760	0.337	ng		84
21) 4-Bromophenyl-phenylether	16.122	248	3402	0.395	ng		95
22) Hexachlorobenzene	16.222	284	3925	0.399	ng		100
23) Atrazine	16.395	200	2589	0.378	ng		97
24) Pentachlorophenol	16.569	266	1330	0.300	ng		99
25) Phenanthrene	16.954	178	16063	0.388	ng		100
26) Anthracene	17.041	178	13714	0.382	ng		100
28) Fluoranthene	18.984	202	17232	0.370	ng		100
30) Pyrene	19.351	202	17694	0.403	ng		100
32) Benzo(a)anthracene	21.112	228	14965	0.392	ng		98
33) Chrysene	21.157	228	15745	0.402	ng		100
34) Bis(2-ethylhexyl)phtha...	21.068	149	8692m	0.401	ng		
36) Indeno(1,2,3-cd)pyrene	25.422	276	19975	0.394	ng		99
37) Benzo(b)fluoranthene	22.642	252	16512	0.380	ng		99
38) Benzo(k)fluoranthene	22.683	252	16601	0.389	ng		99
39) Benzo(a)pyrene	23.189	252	13928	0.383	ng		98
40) Dibenzo(a,h)anthracene	25.437	278	15786	0.391	ng		99
41) Benzo(g,h,i)perylene	26.074	276	17231	0.393	ng		99

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

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