Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042524\
Data File : BN031227.D
Acq On : 25 Apr 2024 19:31
Operator : MA/JU
Sample : PB160394BSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Apr 25 23:44:57 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN041524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 25 18:00:27 2024
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
PB160394BSD

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/26/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.632	152	7438	0.400	ng	0.00
7) Naphthalene-d8	10.410	136	21774	0.400	ng	0.00
13) Acenaphthene-d10	14.274	164	11916	0.400	ng	0.00
19) Phenanthrene-d10	17.029	188	25431	0.400	ng	0.00
29) Chrysene-d12	21.229	240	15663	0.400	ng	0.00
35) Perylene-d12	23.443	264	6453	0.400	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.234	112	6874	0.415	ng	0.00
5) Phenol-d6	6.808	99	8500	0.424	ng	0.00
8) Nitrobenzene-d5	8.777	82	5618	0.373	ng	0.00
11) 2-Methylnaphthalene-d10	12.001	152	11602m	0.346	ng	0.00
14) 2,4,6-Tribromophenol	15.775	330	1909	0.413	ng	0.00
15) 2-Fluorobiphenyl	12.884	172	15291	0.382	ng	-0.01
27) Fluoranthene-d10	19.063	212	19154	0.280	ng	0.00
31) Terphenyl-d14	19.667	244	13862	0.381	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.183	88	2314	0.253	ng	# 69
3) n-Nitrosodimethylamine	3.493	42	2985	0.349	ng	99
6) bis(2-Chloroethyl)ether	7.061	93	7484	0.377	ng	89
9) Naphthalene	10.453	128	19734	0.329	ng	100
10) Hexachlorobutadiene	10.731	225	3840	0.319	ng	# 100
12) 2-Methylnaphthalene	12.077	142	12842	0.322	ng	98
16) Acenaphthylene	13.985	152	19167	0.365	ng	99
17) Acenaphthene	14.338	154	11698	0.316	ng	98
18) Fluorene	15.322	166	15298	0.312	ng	100
20) 4,6-Dinitro-2-methylph...	15.418	198	1253	0.427	ng	# 82
21) 4-Bromophenyl-phenylether	16.222	248	5024	0.333	ng	# 80
22) Hexachlorobenzene	16.321	284	5555	0.315	ng	98
24) Pentachlorophenol	16.681	266	5791	0.937	ng	99
25) Phenanthrene	17.066	178	23608	0.315	ng	99
26) Anthracene	17.153	178	20502	0.330	ng	100
28) Fluoranthene	19.096	202	24205	0.269	ng	100
30) Pyrene	19.458	202	22574	0.371	ng	100
32) Benzo(a)anthracene	21.211	228	19798	0.363	ng	99
33) Chrysene	21.265	228	19573	0.330	ng	98
34) Bis(2-ethylhexyl)phtha...	21.139	149	16133	0.645	ng	97
36) Indeno(1,2,3-cd)pyrene	25.674	276	17508	0.583	ng	99
37) Benzo(b)fluoranthene	22.776	252	18422	0.692	ng	# 91
38) Benzo(k)fluoranthene	22.820	252	16532	0.634	ng	# 89
39) Benzo(a)pyrene	23.347	252	10644	0.480	ng	# 79
40) Dibenzo(a,h)anthracene	25.688	278	16925	0.704	ng	# 90
41) Benzo(g,h,i)perylene	26.355	276	13643	0.516	ng	93

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

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