Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080324\
Data File : BN033214.D
Acq On : 02 Aug 2024 22:48
Operator : MA/JU
Sample : PB162424BS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB162424BS

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 08/05/2024
Supervised By :mohammad ahmed 08/07/2024

Quant Time: Aug 03 01:10:59 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN071124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 02 22:49:47 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.510	152	2342	0.400	ng		0.00
7) Naphthalene-d8	10.297	136	7752	0.400	ng	#	0.01
13) Acenaphthene-d10	14.147	164	4855	0.400	ng		0.01
19) Phenanthrene-d10	16.932	188	8693	0.400	ng		0.01
29) Chrysene-d12	21.142	240	6222	0.400	ng		0.00
35) Perylene-d12	23.317	264	7164	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.249	112	2793m	0.471	ng		0.00
5) Phenol-d6	6.918	99	3603m	0.490	ng		0.04
8) Nitrobenzene-d5	8.845	82	2255	0.386	ng		0.03
11) 2-Methylnaphthalene-d10	11.916	152	4158	0.351	ng		0.02
14) 2,4,6-Tribromophenol	15.728	330	480	0.231	ng		0.01
15) 2-Fluorobiphenyl	12.800	172	6304	0.349	ng		0.01
27) Fluoranthene-d10	18.969	212	7319	0.325	ng		0.00
31) Terphenyl-d14	19.568	244	4515	0.354	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.083	88	1391	0.479	ng	#	86
3) n-Nitrosodimethylamine	3.480	42	1083	0.442	ng		83
6) bis(2-Chloroethyl)ether	7.033	93	2402m	0.391	ng		
9) Naphthalene	10.351	128	8012	0.373	ng		97
10) Hexachlorobutadiene	10.532	225	1586	0.387	ng	#	97
12) 2-Methylnaphthalene	11.992	142	4526	0.323	ng	#	96
16) Acenaphthylene	13.880	152	7610	0.385	ng		98
17) Acenaphthene	14.211	154	5415	0.387	ng		99
18) Fluorene	15.227	166	6627	0.354	ng		98
20) 4,6-Dinitro-2-methylph...	15.617	198	69	0.330	ng	#	1
21) 4-Bromophenyl-phenylether	16.126	248	1870	0.366	ng		93
22) Hexachlorobenzene	16.212	284	2040	0.357	ng	#	88
23) Atrazine	16.424	200	1378	0.366	ng		97
24) Pentachlorophenol	16.647	266	412	0.194	ng		95
25) Phenanthrene	16.970	178	8217	0.346	ng		100
26) Anthracene	17.081	178	7042m	0.360	ng		
28) Fluoranthene	19.001	202	9244	0.322	ng		99
30) Pyrene	19.368	202	9403	0.370	ng		100
32) Benzo(a)anthracene	21.133	228	5822	0.296	ng		98
33) Chrysene	21.178	228	9265m	0.396	ng		
34) Bis(2-ethylhexyl)phtha...	21.008	149	4439	0.408	ng	#	95
36) Indeno(1,2,3-cd)pyrene	25.522	276	11060	0.392	ng		99
37) Benzo(b)fluoranthene	22.668	252	7598	0.304	ng		94
38) Benzo(k)fluoranthene	22.709	252	9673	0.339	ng		95
39) Benzo(a)pyrene	23.238	252	7891	0.351	ng		95
40) Dibenzo(a,h)anthracene	25.519	278	8674	0.389	ng		95
41) Benzo(g,h,i)perylene	26.191	276	9810	0.397	ng		96

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

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