Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080624\
Data File : BN033272.D
Acq On : 06 Aug 2024 14:18
Operator : MA/JU
Sample : PB162490BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB162490BS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/07/2024
Supervised By :mohammad ahmed 08/08/2024

Quant Time: Aug 06 15:01:38 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN080524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 05 23:57:48 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.561	152	693m	0.400	ng		0.05
7) Naphthalene-d8	10.340	136	2705	0.400	ng	#	0.02
13) Acenaphthene-d10	14.137	164	1884	0.400	ng		0.01
19) Phenanthrene-d10	16.933	188	4489	0.400	ng		0.01
29) Chrysene-d12	21.143	240	4554	0.400	ng		0.02
35) Perylene-d12	23.309	264	5551	0.400	ng	#	0.02
System Monitoring Compounds							
4) 2-Fluorophenol	5.408	112	784m	0.457	ng		0.12
5) Phenol-d6	7.062	99	1023m	0.434	ng		0.07
8) Nitrobenzene-d5	8.974	82	753	0.346	ng		0.05
11) 2-Methylnaphthalene-d10	11.958	152	1671m	0.416	ng		0.03
14) 2,4,6-Tribromophenol	15.729	330	284	0.404	ng		0.01
15) 2-Fluorobiphenyl	12.822	172	2559	0.397	ng		0.02
27) Fluoranthene-d10	18.964	212	4798	0.382	ng		0.01
31) Terphenyl-d14	19.568	244	3211	0.408	ng		0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.047	88	491	0.404	ng	#	85
3) n-Nitrosodimethylamine	3.516	42	223	0.264	ng	#	84
6) bis(2-Chloroethyl)ether	7.106	93	1448m	0.729	ng		
9) Naphthalene	10.394	128	2960	0.403	ng		95
10) Hexachlorobutadiene	10.511	225	612	0.449	ng	#	98
12) 2-Methylnaphthalene	12.033	142	1442	0.329	ng		97
16) Acenaphthylene	13.880	152	2891	0.385	ng		99
17) Acenaphthene	14.201	154	2221	0.409	ng		99
18) Fluorene	15.227	166	2997	0.408	ng		100
20) 4,6-Dinitro-2-methylph...	15.642	198	136	0.408	ng	#	62
21) 4-Bromophenyl-phenylether	16.126	248	927	0.389	ng		96
22) Hexachlorobenzene	16.200	284	1002	0.403	ng		94
23) Atrazine	16.424	200	829	0.370	ng		95
24) Pentachlorophenol	16.660	266	269	0.323	ng	#	91
25) Phenanthrene	16.970	178	4508	0.373	ng		100
26) Anthracene	17.106	178	3337	0.330	ng	#	84
28) Fluoranthene	19.001	202	6191	0.374	ng		99
30) Pyrene	19.364	202	6590	0.414	ng		100
32) Benzo(a)anthracene	21.134	228	4122	0.314	ng		98
33) Chrysene	21.178	228	8246	0.468	ng		99
34) Bis(2-ethylhexyl)phtha...	21.008	149	1649	0.523	ng	#	80
36) Indeno(1,2,3-cd)pyrene	25.510	276	8972	0.358	ng		97
37) Benzo(b)fluoranthene	22.663	252	6052	0.359	ng		98
38) Benzo(k)fluoranthene	22.704	252	8359	0.397	ng		97
39) Benzo(a)pyrene	23.233	252	6568	0.388	ng		96
40) Dibenzo(a,h)anthracene	25.513	278	6992	0.353	ng		94
41) Benzo(g,h,i)perylene	26.168	276	8469	0.373	ng		98

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

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