Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN041524\
Data File : BN030946.D
Acq On : 15 Apr 2024 19:35
Operator : MA/JU
Sample : PB159883BS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB159883BS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/17/2024
Supervised By :mohammad ahmed 04/18/2024

Quant Time: Apr 16 00:17:39 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN041524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 15 17:03:47 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.653	152	4566	0.400	ng		0.00
7) Naphthalene-d8	10.432	136	13389	0.400	ng		0.00
13) Acenaphthene-d10	14.295	164	7491	0.400	ng		0.00
19) Phenanthrene-d10	17.040	188	18288	0.400	ng		0.00
29) Chrysene-d12	21.240	240	17539	0.400	ng		0.00
35) Perylene-d12	23.457	264	17522	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.248	112	4468	0.439	ng		0.00
5) Phenol-d6	6.823	99	5446	0.442	ng		0.00
8) Nitrobenzene-d5	8.798	82	3190	0.344	ng		0.00
11) 2-Methylnaphthalene-d10	12.024	152	9168m	0.445	ng		0.00
14) 2,4,6-Tribromophenol	15.787	330	1122	0.386	ng		0.00
15) 2-Fluorobiphenyl	12.916	172	8972	0.356	ng		0.01
27) Fluoranthene-d10	19.080	212	16018	0.325	ng		0.00
31) Terphenyl-d14	19.683	244	13617	0.334	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.183	88	1843	0.328	ng	#	55
3) n-Nitrosodimethylamine	3.501	42	1602	0.305	ng		94
6) bis(2-Chloroethyl)ether	7.083	93	3968	0.326	ng		98
9) Naphthalene	10.474	128	11903	0.322	ng		99
10) Hexachlorobutadiene	10.763	225	2357	0.318	ng	#	99
12) 2-Methylnaphthalene	12.100	142	7528	0.307	ng		99
16) Acenaphthylene	14.006	152	10882	0.330	ng		99
17) Acenaphthene	14.348	154	7336	0.315	ng		99
18) Fluorene	15.343	166	10019	0.325	ng		99
20) 4,6-Dinitro-2-methylph...	15.428	198	602	0.320	ng		93
21) 4-Bromophenyl-phenylether	16.234	248	3329	0.306	ng		95
22) Hexachlorobenzene	16.345	284	3824	0.301	ng		99
23) Atrazine	16.519	200	2340	0.298	ng	#	90
24) Pentachlorophenol	16.693	266	1116	0.350	ng		99
25) Phenanthrene	17.078	178	17665	0.327	ng	#	96
26) Anthracene	17.177	178	14009	0.314	ng		100
28) Fluoranthene	19.107	202	20031	0.309	ng		100
30) Pyrene	19.474	202	22374	0.329	ng		100
32) Benzo(a)anthracene	21.222	228	19239	0.315	ng		99
33) Chrysene	21.276	228	20552	0.309	ng		100
34) Bis(2-ethylhexyl)phtha...	21.160	149	8804	0.314	ng		99
36) Indeno(1,2,3-cd)pyrene	25.688	276	24878	0.305	ng		100
37) Benzo(b)fluoranthene	22.791	252	23496m	0.325	ng		
38) Benzo(k)fluoranthene	22.834	252	21232	0.300	ng		100
39) Benzo(a)pyrene	23.361	252	18824	0.313	ng		96
40) Dibenzo(a,h)anthracene	25.708	278	20069	0.308	ng		99
41) Benzo(g,h,i)perylene	26.375	276	21551	0.300	ng		100

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

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