Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070924\
Data File : BN032566.D
Acq On : 09 Jul 2024 01:15
Operator : MA/JU
Sample : PB161896BS
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB161896BS

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 07/09/2024
Supervised By :mohammad ahmed 07/11/2024

Quant Time: Jul 09 03:13:49 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN070924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 09 02:39:48 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.588	152	4148	0.400	ng		0.00
7) Naphthalene-d8	10.378	136	12940	0.400	ng		0.00
13) Acenaphthene-d10	14.231	164	8849	0.400	ng		0.00
19) Phenanthrene-d10	17.004	188	18601	0.400	ng		0.00
29) Chrysene-d12	21.211	240	14856	0.400	ng		0.00
35) Perylene-d12	23.426	264	15853	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.212	112	3879	0.370	ng		0.00
5) Phenol-d6	6.823	99	4466	0.333	ng		0.00
8) Nitrobenzene-d5	8.809	82	3181	0.329	ng		0.01
11) 2-Methylnaphthalene-d10	11.990	152	7811	0.382	ng		0.00
14) 2,4,6-Tribromophenol	15.775	330	1245	0.310	ng		0.01
15) 2-Fluorobiphenyl	12.874	172	11918	0.366	ng		0.01
27) Fluoranthene-d10	19.045	212	17622	0.364	ng		0.00
31) Terphenyl-d14	19.653	244	13171	0.363	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.161	88	2158	0.395	ng		99
3) n-Nitrosodimethylamine	3.486	42	1485	0.375	ng		99
6) bis(2-Chloroethyl)ether	7.047	93	3141	0.354	ng		99
9) Naphthalene	10.432	128	13589	0.384	ng		100
10) Hexachlorobutadiene	10.667	225	2768	0.393	ng	#	100
12) 2-Methylnaphthalene	12.066	142	8967	0.379	ng		98
16) Acenaphthylene	13.953	152	12995	0.341	ng		99
17) Acenaphthene	14.296	154	9933	0.375	ng		100
18) Fluorene	15.300	166	12812	0.369	ng		100
20) 4,6-Dinitro-2-methylph...	15.504	198	373	0.326	ng	#	70
21) 4-Bromophenyl-phenylether	16.197	248	4276	0.387	ng		94
22) Hexachlorobenzene	16.296	284	4750	0.391	ng		99
23) Atrazine	16.482	200	2919	0.338	ng		97
24) Pentachlorophenol	16.706	266	1130	0.371	ng		99
25) Phenanthrene	17.041	178	19009	0.376	ng		100
26) Anthracene	17.153	178	13571	0.334	ng		99
28) Fluoranthene	19.077	202	21836	0.358	ng		100
30) Pyrene	19.439	202	22807	0.377	ng		100
32) Benzo(a)anthracene	21.202	228	17938	0.365	ng		99
33) Chrysene	21.247	228	22379	0.384	ng		100
34) Bis(2-ethylhexyl)phtha...	21.095	149	10819	0.324	ng		99
36) Indeno(1,2,3-cd)pyrene	25.665	276	23735	0.392	ng		99
37) Benzo(b)fluoranthene	22.759	252	18831	0.356	ng		100
38) Benzo(k)fluoranthene	22.803	252	24661m	0.405	ng		
39) Benzo(a)pyrene	23.335	252	18696	0.374	ng		98
40) Dibenzo(a,h)anthracene	25.680	278	18636	0.388	ng		99
41) Benzo(g,h,i)perylene	26.346	276	21167	0.404	ng		98

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

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