Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012522\
Data File : BN018464.D
Acq On : 25 Jan 2022 18:02
Operator : CG/JU
Sample : PB142256BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB142256BS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 01/26/2022
Supervised By :Jagrut Upadhyay 01/26/2022

Quant Time: Jan 26 04:07:32 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN012422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 24 18:25:49 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.956	152	34711	0.400	ng		0.00
7) Naphthalene-d8	10.761	136	152584	0.400	ng		0.00
13) Acenaphthene-d10	14.573	164	82166	0.400	ng		0.00
19) Phenanthrene-d10	17.309	188	154255	0.400	ng		0.00
29) Chrysene-d12	21.482	240	122488	0.400	ng		-0.01
35) Perylene-d12	23.885	264	95987	0.400	ng		#-0.02
System Monitoring Compounds							
4) 2-Fluorophenol	5.512	112	34574	0.402	ng		0.00
5) Phenol-d6	7.107	99	37417	0.400	ng		0.00
8) Nitrobenzene-d5	9.101	82	33260	0.378	ng		-0.01
11) 2-Methylnaphthalene-d10	12.340	152	101207	0.395	ng		0.00
14) 2,4,6-Tribromophenol	16.056	330	9783	0.395	ng		0.00
15) 2-Fluorobiphenyl	13.203	172	118926	0.403	ng		-0.01
27) Fluoranthene-d10	19.331	212	186818	0.402	ng		-0.01
31) Terphenyl-d14	19.926	244	141909	0.373	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.391	88	6421m	0.354	ng		
3) n-Nitrosodimethylamine	3.723	42	11409	0.399	ng		99
6) bis(2-Chloroethyl)ether	7.375	93	39093	0.414	ng		98
9) Naphthalene	10.812	128	148516	0.400	ng		99
10) Hexachlorobutadiene	11.103	225	28651	0.390	ng	#	100
12) 2-Methylnaphthalene	12.416	142	103881	0.401	ng		98
16) Acenaphthylene	14.294	152	114714	0.377	ng		99
17) Acenaphthene	14.636	154	85791	0.396	ng		98
18) Fluorene	15.613	166	104125	0.399	ng		100
20) 4,6-Dinitro-2-methylph...	15.677	198	1660	0.343	ng		92
21) 4-Bromophenyl-phenylether	16.506	248	32179	0.389	ng	#	84
22) Hexachlorobenzene	16.628	284	36344	0.397	ng	#	93
23) Atrazine	16.762	200	19411	0.351	ng		98
24) Pentachlorophenol	16.956	266	9051	0.409	ng		100
25) Phenanthrene	17.346	178	165724	0.405	ng		99
26) Anthracene	17.443	178	131185	0.379	ng		99
28) Fluoranthene	19.360	202	188426	0.421	ng	#	98
30) Pyrene	19.723	202	188079	0.360	ng		99
32) Benzo(a)anthracene	21.461	228	146732	0.378	ng		100
33) Chrysene	21.514	228	151073	0.394	ng		99
34) Bis(2-ethylhexyl)phtha...	21.397	149	77427	0.254	ng		98
36) Indeno(1,2,3-cd)pyrene	26.387	276	70473	0.413	ng	#	91
37) Benzo(b)fluoranthene	23.152	252	139255	0.403	ng	#	97
38) Benzo(k)fluoranthene	23.200	252	128246	0.422	ng	#	94
39) Benzo(a)pyrene	23.778	252	101633	0.402	ng	#	95
40) Dibenzo(a,h)anthracene	26.404	278	48855	0.460	ng	#	81
41) Benzo(g,h,i)perylene	27.147	276	69585	0.401	ng	#	93

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

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