Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101922\
Data File : BN022185.D
Acq On : 18 Oct 2022 19:55
Operator : CG/JU
Sample : PB148416BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB148416BS

Manual Integrations APPROVED
Reviewed By :Christian Giraldo 10/19/2022
Supervised By :mohammad ahmed 10/20/2022

Quant Time: Oct 19 02:10:04 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN100322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 19 02:07:41 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.957	152	4371	0.400	ng		0.00
7) Naphthalene-d8	10.784	136	14811	0.400	ng		0.00
13) Acenaphthene-d10	14.621	164	8714	0.400	ng		0.00
19) Phenanthrene-d10	17.375	188	17444	0.400	ng		#-0.01
29) Chrysene-d12	21.582	240	11501	0.400	ng		0.00
35) Perylene-d12	24.049	264	8782	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.479	112	4918	0.486	ng		0.00
5) Phenol-d6	7.112	99	6467	0.492	ng		0.00
8) Nitrobenzene-d5	9.129	82	5078	0.426	ng		0.00
11) 2-Methylnaphthalene-d10	12.376	152	10523	0.387	ng		0.00
14) 2,4,6-Tribromophenol	16.121	330	1127	0.339	ng		0.00
15) 2-Fluorobiphenyl	13.253	172	14642	0.385	ng		0.00
27) Fluoranthene-d10	19.420	212	17764	0.383	ng		0.00
31) Terphenyl-d14	20.015	244	10222	0.442	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.298	88	2133	0.377	ng		98
3) n-Nitrosodimethylamine	3.638	42	2339	0.380	ng		94
6) bis(2-Chloroethyl)ether	7.379	93	5701	0.411	ng		97
9) Naphthalene	10.827	128	17781	0.398	ng		99
10) Hexachlorobutadiene	11.115	225	2935	0.379	ng	#	98
12) 2-Methylnaphthalene	12.081	142	3675	0.554	ng	#	90
16) Acenaphthylene	14.343	152	16468	0.397	ng		100
17) Acenaphthene	14.685	154	11388	0.391	ng		98
18) Fluorene	15.679	166	15679	0.446	ng		98
20) 4,6-Dinitro-2-methylph...	15.761	198	347	0.293	ng	#	77
21) 4-Bromophenyl-phenylether	16.568	248	3569	0.336	ng		91
22) Hexachlorobenzene	16.680	284	5089	0.385	ng		99
23) Atrazine	16.841	200	3124	0.396	ng		97
24) Pentachlorophenol	17.040	266	1101	0.272	ng		99
25) Phenanthrene	17.424	178	23565	0.393	ng		100
26) Anthracene	17.511	178	19172	0.398	ng		100
28) Fluoranthene	19.449	202	24097	0.375	ng		100
30) Pyrene	19.812	202	23806	0.471	ng		100
32) Benzo(a)anthracene	21.564	228	17183	0.397	ng		99
33) Chrysene	21.618	228	18160	0.378	ng		99
34) Bis(2-ethylhexyl)phtha...	21.483	149	12175	0.587	ng		99
36) Indeno(1,2,3-cd)pyrene	26.633	276	16551	0.373	ng		99
37) Benzo(b)fluoranthene	23.292	252	15554	0.374	ng		96
38) Benzo(k)fluoranthene	23.341	252	15734m	0.380	ng		
39) Benzo(a)pyrene	23.938	252	12538	0.395	ng	#	90
40) Dibenzo(a,h)anthracene	26.660	278	13067	0.369	ng		99
41) Benzo(g,h,i)perylene	27.432	276	13347	0.349	ng		99

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

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