Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072423\
Data File : BN026750.D
Acq On : 25 Jul 2023 17:30
Operator : MA/JU
Sample : PB154354BS
Misc :
ALS Vial : 86 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB154354BS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/26/2023
Supervised By :mohammad ahmed 07/26/2023

Quant Time: Jul 25 19:30:22 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN062723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 24 23:51:48 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.842	152	1206	0.400	ng		0.00
7) Naphthalene-d8	10.639	136	3688	0.400	ng	#	0.01
13) Acenaphthene-d10	14.459	164	2783	0.400	ng		0.00
19) Phenanthrene-d10	17.219	188	5619	0.400	ng	#	0.00
29) Chrysene-d12	21.417	240	4258	0.400	ng	#	0.00
35) Perylene-d12	23.794	264	4927	0.400	ng		0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.430	112	1062m	0.363	ng		0.01
5) Phenol-d6	7.062	99	1057m	0.283	ng		0.02
8) Nitrobenzene-d5	9.048	82	827	0.262	ng		0.01
11) 2-Methylnaphthalene-d10	12.230	152	4126	0.765	ng		0.00
14) 2,4,6-Tribromophenol	15.990	330	421	0.416	ng		0.01
15) 2-Fluorobiphenyl	13.101	172	3546	0.330	ng		0.00
27) Fluoranthene-d10	19.253	212	5068	0.426	ng		0.00
31) Terphenyl-d14	19.853	244	4002	0.367	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.227	88	475	0.372	ng	#	58
3) n-Nitrosodimethylamine	3.632	42	412	0.319	ng	#	85
6) bis(2-Chloroethyl)ether	7.315	93	523	0.170	ng	#	74
9) Naphthalene	10.682	128	3833	0.384	ng	#	92
10) Hexachlorobutadiene	10.938	225	996	0.517	ng	#	98
12) 2-Methylnaphthalene	12.309	142	2770	0.394	ng	#	92
16) Acenaphthylene	14.191	152	5128	0.393	ng		99
17) Acenaphthene	14.523	154	3287	0.390	ng		97
18) Fluorene	15.519	166	4316	0.393	ng		100
21) 4-Bromophenyl-phenylether	16.412	248	1410m	0.440	ng		
22) Hexachlorobenzene	16.524	284	1463	0.455	ng		98
23) Atrazine	16.686	200	982	0.356	ng	#	89
24) Pentachlorophenol	16.897	266	1198	0.791	ng		93
25) Phenanthrene	17.256	178	6594	0.401	ng		99
26) Anthracene	17.356	178	6017	0.406	ng		99
28) Fluoranthene	19.281	202	8424	0.487	ng	#	93
30) Pyrene	19.644	202	8636	0.366	ng		100
32) Benzo(a)anthracene	21.399	228	6472	0.422	ng		98
33) Chrysene	21.453	228	8186	0.479	ng		99
34) Bis(2-ethylhexyl)phtha...	21.300	149	3767	0.276	ng	#	91
36) Indeno(1,2,3-cd)pyrene	26.258	276	9553	0.472	ng	#	83
37) Benzo(b)fluoranthene	23.066	252	7658	0.428	ng	#	90
38) Benzo(k)fluoranthene	23.116	252	8354	0.432	ng	#	87
39) Benzo(a)pyrene	23.694	252	7243	0.413	ng	#	83
40) Dibenzo(a,h)anthracene	26.273	278	7569	0.478	ng	#	86
41) Benzo(g,h,i)perylene	27.007	276	8702	0.471	ng	#	86

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

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