Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070824\
Data File : BN032554.D
Acq On : 08 Jul 2024 16:44
Operator : MA/JU
Sample : PB161896BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jul 08 17:11:34 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN061024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 08 15:11:21 2024
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
PB161896BS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/09/2024
Supervised By :mohammad ahmed 07/09/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.588	152	4465m	0.400	ng		0.00
7) Naphthalene-d8	10.368	136	13062	0.400	ng	#	0.01
13) Acenaphthene-d10	14.231	164	9394	0.400	ng		0.01
19) Phenanthrene-d10	17.004	188	20224	0.400	ng	#	0.01
29) Chrysene-d12	21.211	240	16468	0.400	ng	#	0.00
35) Perylene-d12	23.432	264	17111	0.400	ng	#	0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.212	112	4190m	0.330	ng		0.01
5) Phenol-d6	6.808	99	4721m	0.284	ng		0.02
8) Nitrobenzene-d5	8.788	82	3725m	0.343	ng		0.04
11) 2-Methylnaphthalene-d10	11.979	152	6719	0.323	ng		0.02
14) 2,4,6-Tribromophenol	15.763	330	1464	0.325	ng		0.01
15) 2-Fluorobiphenyl	12.863	172	12568m	0.353	ng		0.02
27) Fluoranthene-d10	19.040	212	18622	0.338	ng		0.00
31) Terphenyl-d14	19.649	244	13955	0.347	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.161	88	2095	0.383	ng		96
3) n-Nitrosodimethylamine	3.486	42	1540	0.296	ng	#	98
6) bis(2-Chloroethyl)ether	7.039	93	2900	0.202	ng		93
9) Naphthalene	10.421	128	13856m	0.394	ng		
10) Hexachlorobutadiene	10.667	225	2692	0.438	ng	#	98
12) 2-Methylnaphthalene	12.055	142	7737	0.322	ng		98
16) Acenaphthylene	13.953	152	13008	0.300	ng		100
17) Acenaphthene	14.296	154	9586	0.344	ng		100
18) Fluorene	15.301	166	12401	0.333	ng		100
20) 4,6-Dinitro-2-methylph...	15.482	198	457	0.282	ng	#	8
21) 4-Bromophenyl-phenylether	16.197	248	3848	0.335	ng		95
22) Hexachlorobenzene	16.296	284	4822	0.406	ng		94
23) Atrazine	16.483	200	2877	0.274	ng		96
24) Pentachlorophenol	16.681	266	1346	0.348	ng		99
25) Phenanthrene	17.041	178	18765	0.334	ng		99
26) Anthracene	17.140	178	15516	0.298	ng		99
28) Fluoranthene	19.072	202	23009	0.338	ng		99
30) Pyrene	19.439	202	24210	0.370	ng		100
32) Benzo(a)anthracene	21.202	228	19293	0.311	ng		98
33) Chrysene	21.247	228	24622m	0.420	ng		
34) Bis(2-ethylhexyl)phtha...	21.104	149	15440	0.365	ng		99
36) Indeno(1,2,3-cd)pyrene	25.671	276	22593	0.354	ng		99
37) Benzo(b)fluoranthene	22.765	252	18406	0.295	ng	#	86
38) Benzo(k)fluoranthene	22.809	252	23564	0.400	ng	#	83
39) Benzo(a)pyrene	23.341	252	18810	0.350	ng	#	75
40) Dibenzo(a,h)anthracene	25.683	278	17653	0.351	ng	#	83
41) Benzo(g,h,i)perylene	26.352	276	19616	0.363	ng		95

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

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