Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081722\
Data File : BN021280.D
Acq On : 17 Aug 2022 15:53
Operator : CG/JU
Sample : N4172-02MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Aug 18 06:41:59 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN081622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 16 09:19:59 2022
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
TT149S1-20220809MS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 08/18/2022
Supervised By :Jagrut Upadhyay 08/18/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.783	152	3157	0.400	ng		0.00
7) Naphthalene-d8	10.581	136	11870	0.400	ng		0.00
13) Acenaphthene-d10	14.429	164	6777	0.400	ng		0.00
19) Phenanthrene-d10	17.182	188	12951	0.400	ng		0.00
29) Chrysene-d12	21.386	240	9096	0.400	ng		0.00
35) Perylene-d12	23.720	264	6996	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.393	112	715	0.091	ng		0.01
5) Phenol-d6	7.003	99	481	0.052	ng		0.02
8) Nitrobenzene-d5	8.958	82	1737	0.289	ng		0.00
11) 2-Methylnaphthalene-d10	12.183	152	4447	0.215	ng		0.00
14) 2,4,6-Tribromophenol	15.941	330	470	0.212	ng		0.00
15) 2-Fluorobiphenyl	13.060	172	6369	0.236	ng		0.00
27) Fluoranthene-d10	19.223	212	10646	0.303	ng		0.00
31) Terphenyl-d14	19.825	244	7053	0.284	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.226	88	3212	0.729	ng	#	88
3) n-Nitrosodimethylamine	3.609	42	263m	0.256	ng		
6) bis(2-Chloroethyl)ether	7.220	93	2512	0.324	ng		89
9) Naphthalene	10.624	128	8732	0.243	ng		99
10) Hexachlorobutadiene	10.923	225	1314	0.204	ng	#	99
12) 2-Methylnaphthalene	12.255	142	5463	0.223	ng		99
16) Acenaphthylene	14.151	152	7121	0.219	ng		100
17) Acenaphthene	14.493	154	5141	0.230	ng		100
18) Fluorene	15.487	166	6735	0.237	ng		99
20) 4,6-Dinitro-2-methylph...	15.615	198	278	0.386	ng		100
21) 4-Bromophenyl-phenylether	16.382	248	1968	0.248	ng	#	87
22) Hexachlorobenzene	16.495	284	2139	0.239	ng		97
23) Atrazine	16.649	200	1449	0.283	ng		97
24) Pentachlorophenol	16.854	266	1286	0.638	ng		96
25) Phenanthrene	17.223	178	11907	0.276	ng		99
26) Anthracene	17.326	178	9304	0.258	ng		99
28) Fluoranthene	19.252	202	13606	0.302	ng		99
30) Pyrene	19.619	202	14050	0.300	ng		100
32) Benzo(a)anthracene	21.377	228	8938	0.302	ng		100
33) Chrysene	21.422	228	9973	0.271	ng		98
34) Bis(2-ethylhexyl)phtha...	21.305	149	7725	0.382	ng		99
36) Indeno(1,2,3-cd)pyrene	26.132	276	6250	0.202	ng		95
37) Benzo(b)fluoranthene	23.012	252	8126m	0.278	ng		
38) Benzo(k)fluoranthene	23.062	252	7833	0.266	ng		96
39) Benzo(a)pyrene	23.620	252	6254	0.257	ng	#	78
40) Dibenzo(a,h)anthracene	26.149	278	5320	0.222	ng		98
41) Benzo(g,h,i)perylene	26.871	276	4573	0.164	ng		96

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

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