Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081722\
Data File : BN021281.D
Acq On : 17 Aug 2022 16:30
Operator : CG/JU
Sample : N4172-03MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
TT149S1-20220809MSD

Manual Integrations APPROVED

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

Quant Time: Aug 18 06:42:26 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

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.783	152	3554	0.400	ng		0.00
7) Naphthalene-d8	10.581	136	9536	0.400	ng		0.00
13) Acenaphthene-d10	14.429	164	6898	0.400	ng		0.00
19) Phenanthrene-d10	17.182	188	13229	0.400	ng		0.00
29) Chrysene-d12	21.386	240	7662	0.400	ng		0.00
35) Perylene-d12	23.717	264	5959	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.385	112	709	0.080	ng		0.00
5) Phenol-d6	7.003	99	523	0.051	ng		0.02
8) Nitrobenzene-d5	8.958	82	1620	0.315	ng		0.00
11) 2-Methylnaphthalene-d10	12.183	152	4380	0.264	ng		0.00
14) 2,4,6-Tribromophenol	15.941	330	469	0.208	ng		0.00
15) 2-Fluorobiphenyl	13.060	172	6448	0.235	ng		0.00
27) Fluoranthene-d10	19.223	212	11004	0.306	ng		0.00
31) Terphenyl-d14	19.825	244	7357	0.352	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.226	88	3381	0.682	ng	#	76
3) n-Nitrosodimethylamine	3.623	42	725m	0.317	ng		
6) bis(2-Chloroethyl)ether	7.220	93	2474	0.283	ng		94
9) Naphthalene	10.624	128	6845	0.237	ng		98
10) Hexachlorobutadiene	10.923	225	1070	0.207	ng	#	100
12) 2-Methylnaphthalene	12.255	142	5183	0.263	ng		99
16) Acenaphthylene	14.151	152	7197	0.217	ng		100
17) Acenaphthene	14.493	154	5194	0.228	ng		98
18) Fluorene	15.487	166	6820	0.235	ng		100
20) 4,6-Dinitro-2-methylph...	15.615	198	296	0.392	ng		100
21) 4-Bromophenyl-phenylether	16.382	248	1972	0.243	ng	#	87
22) Hexachlorobenzene	16.495	284	2157	0.236	ng		99
23) Atrazine	16.649	200	1492	0.286	ng		97
24) Pentachlorophenol	16.854	266	1340	0.650	ng		96
25) Phenanthrene	17.223	178	11880	0.270	ng		100
26) Anthracene	17.315	178	9440	0.257	ng		99
28) Fluoranthene	19.252	202	13562	0.295	ng		99
30) Pyrene	19.615	202	13998	0.355	ng		99
32) Benzo(a)anthracene	21.368	228	7389	0.296	ng		100
33) Chrysene	21.422	228	7998	0.258	ng		98
34) Bis(2-ethylhexyl)phtha...	21.305	149	6724	0.395	ng		99
36) Indeno(1,2,3-cd)pyrene	26.132	276	5128	0.195	ng	#	92
37) Benzo(b)fluoranthene	23.012	252	6650m	0.267	ng		
38) Benzo(k)fluoranthene	23.059	252	6245	0.249	ng		96
39) Benzo(a)pyrene	23.617	252	5258	0.254	ng	#	67
40) Dibenzo(a,h)anthracene	26.146	278	4466	0.219	ng		94
41) Benzo(g,h,i)perylene	26.868	276	3652	0.154	ng		95

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

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