Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091322\
Data File : BN021726.D
Acq On : 13 Sep 2022 14:26
Operator : CG/JU
Sample : N4492-03MS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MW-09-1.5-11.5-083122MS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 09/14/2022
Supervised By :Jagrut Upadhyay 09/14/2022

Quant Time: Sep 14 01:01:09 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN082922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 13 02:32:27 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.062	152	4576	0.400	ng		0.00
7) Naphthalene-d8	10.888	136	15656	0.400	ng		0.00
13) Acenaphthene-d10	14.718	164	9831	0.400	ng		0.01
19) Phenanthrene-d10	17.460	188	19340	0.400	ng	#	0.00
29) Chrysene-d12	21.655	240	12908	0.400	ng	#	0.00
35) Perylene-d12	24.170	264	9695	0.400	ng	#	0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.592	112	1639	0.183	ng		0.00
5) Phenol-d6	7.217	99	1437	0.126	ng		0.00
8) Nitrobenzene-d5	9.233	82	3404	0.322	ng		0.00
11) 2-Methylnaphthalene-d10	12.478	152	9632	0.273	ng		0.00
14) 2,4,6-Tribromophenol	16.208	330	1293	0.401	ng		0.00
15) 2-Fluorobiphenyl	13.339	172	11092	0.258	ng		0.00
27) Fluoranthene-d10	19.493	212	17297	0.348	ng		0.00
31) Terphenyl-d14	20.088	244	12253	0.422	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.403	88	3550	0.620	ng		98
3) n-Nitrosodimethylamine	3.743	42	728	0.141	ng	#	94
6) bis(2-Chloroethyl)ether	7.477	93	4030	0.281	ng		97
9) Naphthalene	10.941	128	12977	0.280	ng		98
10) Hexachlorobutadiene	11.219	225	1557	0.194	ng	#	100
12) 2-Methylnaphthalene	12.180	142	2560	0.458	ng	#	94
16) Acenaphthylene	14.440	152	12541	0.272	ng		98
17) Acenaphthene	14.771	154	8624	0.266	ng		97
18) Fluorene	15.766	166	11763	0.294	ng		99
21) 4-Bromophenyl-phenylether	16.649	248	3489	0.288	ng	#	89
22) Hexachlorobenzene	16.762	284	3752	0.254	ng		100
23) Atrazine	16.916	200	2905	0.411	ng		98
24) Pentachlorophenol	17.111	266	3764	1.050	ng		99
25) Phenanthrene	17.501	178	19372	0.290	ng		100
26) Anthracene	17.593	178	16336	0.308	ng		99
28) Fluoranthene	19.522	202	20412	0.294	ng		100
30) Pyrene	19.885	202	23033	0.335	ng		97
32) Benzo(a)anthracene	21.637	228	14951	0.333	ng		99
33) Chrysene	21.691	228	15318	0.286	ng		98
34) Bis(2-ethylhexyl)phtha...	21.548	149	10815	0.597	ng		100
36) Indeno(1,2,3-cd)pyrene	26.811	276	11052	0.253	ng		100
37) Benzo(b)fluoranthene	23.396	252	13533	0.283	ng		93
38) Benzo(k)fluoranthene	23.445	252	13013m	0.271	ng		
39) Benzo(a)pyrene	24.056	252	10157	0.305	ng	#	87
40) Dibenzo(a,h)anthracene	26.837	278	9069	0.257	ng		97
41) Benzo(g,h,i)perylene	27.632	276	9817	0.254	ng		97

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

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