Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN083022\
Data File : BN021454.D
Acq On : 30 Aug 2022 13:40
Operator : CG/JU
Sample : N4280-03MSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
RE109D2-20220817MSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 08/31/2022
Supervised By :Jagrut Upadhyay 08/31/2022

Quant Time: Aug 31 01:19:53 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN082922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 29 16:30:43 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.076	152	5181	0.400	ng	0.00
7) Naphthalene-d8	10.909	136	16719	0.400	ng	# 0.00
13) Acenaphthene-d10	14.729	164	9304	0.400	ng	0.00
19) Phenanthrene-d10	17.480	188	19594	0.400	ng	0.00
29) Chrysene-d12	21.673	240	14939	0.400	ng	0.00
35) Perylene-d12	24.197	264	11382	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.599	112	1453	0.143	ng	0.00
5) Phenol-d6	7.224	99	1060	0.082	ng	0.00
8) Nitrobenzene-d5	9.243	82	3470	0.307	ng	-0.01
11) 2-Methylnaphthalene-d10	12.494	152	11100m	0.295	ng	0.00
14) 2,4,6-Tribromophenol	16.219	330	1084	0.355	ng	0.00
15) 2-Fluorobiphenyl	13.360	172	12757	0.314	ng	0.00
27) Fluoranthene-d10	19.510	212	19603	0.389	ng	0.00
31) Terphenyl-d14	20.097	244	14517	0.432	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.403	88	19293	2.977	ng	# 89
3) n-Nitrosodimethylamine	3.750	42	574	0.098	ng	# 94
6) bis(2-Chloroethyl)ether	7.491	93	4702	0.289	ng	98
9) Naphthalene	10.952	128	12405	0.250	ng	100
10) Hexachlorobutadiene	11.240	225	1900	0.222	ng	# 100
12) 2-Methylnaphthalene	12.187	142	1605	0.321	ng	99
16) Acenaphthylene	14.451	152	10799	0.247	ng	100
17) Acenaphthene	14.793	154	7755	0.252	ng	98
18) Fluorene	15.776	166	10067	0.265	ng	99
21) 4-Bromophenyl-phenylether	16.660	248	3418	0.279	ng	# 78
22) Hexachlorobenzene	16.783	284	3726	0.249	ng	100
23) Atrazine	16.926	200	2159	0.302	ng	99
24) Pentachlorophenol	17.121	266	1555	0.548	ng	98
25) Phenanthrene	17.521	178	18687	0.276	ng	100
26) Anthracene	17.613	178	15166	0.282	ng	99
28) Fluoranthene	19.539	202	21086	0.300	ng	99
30) Pyrene	19.902	202	24039	0.302	ng	99
32) Benzo(a)anthracene	21.655	228	16272	0.313	ng	99
33) Chrysene	21.709	228	17799	0.287	ng	100
34) Bis(2-ethylhexyl)phtha...	21.566	149	8946	0.427	ng	99
36) Indeno(1,2,3-cd)pyrene	26.860	276	13308	0.259	ng	98
37) Benzo(b)fluoranthene	23.416	252	15935	0.284	ng	97
38) Benzo(k)fluoranthene	23.469	252	15914m	0.282	ng	
39) Benzo(a)pyrene	24.083	252	12559	0.321	ng	# 91
40) Dibenzo(a,h)anthracene	26.881	278	11454	0.277	ng	97
41) Benzo(g,h,i)perylene	27.673	276	11188	0.247	ng	99

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

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