Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120122\
Data File : BN023015.D
Acq On : 01 Dec 2022 12:25
Operator : CG/JU
Sample : N5756-10MS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Dec 02 02:23:52 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN112522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 02 01:41:37 2022
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
MW181S-20221117MS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 12/02/2022
Supervised By :Jagrut Upadhyay 12/02/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.057	152	5657	0.400	ng	0.00
7) Naphthalene-d8	10.872	136	15141	0.400	ng	-0.01
13) Acenaphthene-d10	14.698	164	7240	0.400	ng	0.00
19) Phenanthrene-d10	17.439	188	13480	0.400	ng	0.00
29) Chrysene-d12	21.625	240	8517	0.400	ng	# 0.00
35) Perylene-d12	24.112	264	6063	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.594	112	1721	0.117	ng	0.00
5) Phenol-d6	7.197	99	1363	0.073	ng	0.00
8) Nitrobenzene-d5	9.217	82	4012	0.341	ng	-0.01
11) 2-Methylnaphthalene-d10	12.458	152	7107m	0.216	ng	0.00
14) 2,4,6-Tribromophenol	16.186	330	892	0.255	ng	0.00
15) 2-Fluorobiphenyl	13.319	172	12109	0.366	ng	-0.01
27) Fluoranthene-d10	19.469	212	9492	0.259	ng	0.00
31) Terphenyl-d14	20.058	244	7956	0.398	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.442	88	3896	0.543	ng	# 92
3) n-Nitrosodimethylamine	3.767	42	856	0.111	ng	# 99
6) bis(2-Chloroethyl)ether	7.472	93	6041	0.344	ng	98
9) Naphthalene	10.925	128	14689	0.315	ng	99
10) Hexachlorobutadiene	11.214	225	2551	0.267	ng	# 99
12) 2-Methylnaphthalene	12.148	142	2093	0.220	ng	# 93
16) Acenaphthylene	14.410	152	11224m	0.293	ng	
17) Acenaphthene	14.752	154	8159	0.324	ng	98
18) Fluorene	15.739	166	9464	0.293	ng	100
20) 4,6-Dinitro-2-methylph...	15.813	198	516	0.342	ng	# 72
21) 4-Bromophenyl-phenylether	16.632	248	3331	0.342	ng	# 85
22) Hexachlorobenzene	16.744	284	3844	0.324	ng	96
23) Atrazine	16.893	200	1846	0.269	ng	93
24) Pentachlorophenol	17.092	266	1529	0.470	ng	100
25) Phenanthrene	17.477	178	15614	0.333	ng	100
26) Anthracene	17.576	178	12621	0.310	ng	99
28) Fluoranthene	19.498	202	14892	0.299	ng	99
30) Pyrene	19.861	202	15065	0.340	ng	100
32) Benzo(a)anthracene	21.607	228	10998	0.320	ng	99
33) Chrysene	21.661	228	12341	0.346	ng	99
34) Bis(2-ethylhexyl)phtha...	21.536	149	5536	0.401	ng	98
36) Indeno(1,2,3-cd)pyrene	26.708	276	10349	0.411	ng	97
37) Benzo(b)fluoranthene	23.346	252	11001	0.406	ng	# 92
38) Benzo(k)fluoranthene	23.398	252	10780m	0.368	ng	
39) Benzo(a)pyrene	24.001	252	7989	0.387	ng	# 86
40) Dibenzo(a,h)anthracene	26.734	278	8775	0.439	ng	94
41) Benzo(g,h,i)perylene	27.506	276	9394	0.436	ng	95

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

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