Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122321\
Data File : BN018203.D
Acq On : 24 Dec 2021 05:48
Operator : CG/JU
Sample : M5224-06MS 5X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SB-COMPMS

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 12/27/2021
Supervised By :mohammad ahmed 12/30/2021

Quant Time: Dec 24 23:34:36 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN122321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 23 14:22:48 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.624	152	28985	0.400	ng	0.00
7) Naphthalene-d8	10.394	136	128256	0.400	ng	0.00
13) Acenaphthene-d10	14.256	164	82778	0.400	ng	0.00
19) Phenanthrene-d10	16.993	188	176175	0.400	ng	0.00
29) Chrysene-d12	21.196	240	180558	0.400	ng	# 0.00
35) Perylene-d12	23.419	264	202896	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.245	112	4257	0.067	ng	0.02
5) Phenol-d6	6.813	99	4979	0.073	ng	0.00
8) Nitrobenzene-d5	8.772	82	6335	0.073	ng	0.00
11) 2-Methylnaphthalene-d10	11.989	152	17136	0.078	ng	0.00
14) 2,4,6-Tribromophenol	15.741	330	3274	0.241	ng	-0.01
15) 2-Fluorobiphenyl	12.873	172	20645	0.067	ng	-0.01
27) Fluoranthene-d10	19.033	212	33636	0.060	ng	0.00
31) Terphenyl-d14	19.639	244	32735	0.082	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.170	88	1105	0.063	ng	# 66
3) n-Nitrosodimethylamine	3.502	42	2022	0.080	ng	# 96
6) bis(2-Chloroethyl)ether	7.052	93	6346	0.087	ng	99
9) Naphthalene	10.445	128	1057584	3.340	ng	100
10) Hexachlorobutadiene	10.749	225	6924	0.082	ng	# 99
12) 2-Methylnaphthalene	12.065	142	338546	1.619	ng	100
16) Acenaphthylene	13.964	152	289853	0.942	ng	97
17) Acenaphthene	14.320	154	458186	2.136	ng	98
18) Fluorene	15.296	166	564603m	2.141	ng	
20) 4,6-Dinitro-2-methylph...	15.398	198	232	0.176	ng	# 1
21) 4-Bromophenyl-phenylether	16.190	248	9156	0.085	ng	# 82
22) Hexachlorobenzene	16.312	284	10213	0.080	ng	97
23) Atrazine	16.470	200	7821	0.190	ng	96
24) Pentachlorophenol	16.665	266	9068	0.450	ng	99
25) Phenanthrene	17.042	178	6631855	14.183	ng	98
26) Anthracene	17.127	178	1637316	4.250	ng	# 93
28) Fluoranthene	19.068	202	6843587	12.536	ng	97
30) Pyrene	19.430	202	6645998	11.469	ng	# 93
32) Benzo(a)anthracene	21.174	228	3754841	7.159	ng	97
33) Chrysene	21.227	228	3516917	6.146	ng	96
34) Bis(2-ethylhexyl)phtha...	21.121	149	903042	3.345	ng	98
36) Indeno(1,2,3-cd)pyrene	25.679	276	1599751	2.724	ng	# 96
37) Benzo(b)fluoranthene	22.755	252	4071886	6.488	ng	98
38) Benzo(k)fluoranthene	22.793	252	1522522m	2.408	ng	
39) Benzo(a)pyrene	23.324	252	3159063	5.601	ng	98
40) Dibenzo(a,h)anthracene	25.692	278	446923	0.920	ng	96
41) Benzo(g,h,i)perylene	26.373	276	1462523	2.704	ng	98

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

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