Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121321\
Data File : BN017970.D
Acq On : 13 Dec 2021 13:54
Operator : CG/JU
Sample : M4922-18MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Dec 14 03:40:57 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN121121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 11 00:01:30 2021
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
RE139D2-20211130MS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 12/14/2021
Supervised By :Jagrut Upadhyay 12/14/2021

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.705	152	25079	0.400	ng		0.00
7) Naphthalene-d8	10.494	136	103878	0.400	ng		0.00
13) Acenaphthene-d10	14.334	164	66871	0.400	ng		0.00
19) Phenanthrene-d10	17.080	188	139603	0.400	ng		#-0.01
29) Chrysene-d12	21.293	240	95563	0.400	ng		0.00
35) Perylene-d12	23.585	264	61548	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.336	112	6388	0.124	ng		0.00
5) Phenol-d6	6.903	99	3868	0.075	ng		0.00
8) Nitrobenzene-d5	8.846	82	15244	0.225	ng		-0.01
11) 2-Methylnaphthalene-d10	12.085	152	58164m	0.318	ng		0.00
14) 2,4,6-Tribromophenol	15.844	330	5441	0.482	ng		0.00
15) 2-Fluorobiphenyl	12.964	172	64100	0.272	ng		0.00
27) Fluoranthene-d10	19.124	212	133665	0.295	ng		0.00
31) Terphenyl-d14	19.730	244	99642	0.423	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.280	88	13180m	1.732	ng		
3) n-Nitrosodimethylamine	3.602	42	3799	0.165	ng		90
6) bis(2-Chloroethyl)ether	7.143	93	22922	0.364	ng		100
9) Naphthalene	10.532	128	85670	0.332	ng		99
10) Hexachlorobutadiene	10.836	225	21010	0.285	ng	#	100
12) 2-Methylnaphthalene	12.156	142	60524	0.352	ng		100
16) Acenaphthylene	14.055	152	86261	0.345	ng		99
17) Acenaphthene	14.398	154	58001	0.334	ng		99
18) Fluorene	15.388	166	75721	0.359	ng		99
20) 4,6-Dinitro-2-methylph...	15.502	198	136	0.619	ng		87
21) 4-Bromophenyl-phenylether	16.289	248	28596	0.357	ng	#	89
22) Hexachlorobenzene	16.399	284	34278	0.329	ng		98
23) Atrazine	16.557	200	19740	0.379	ng		98
24) Pentachlorophenol	16.752	266	5000	1.040	ng		97
25) Phenanthrene	17.129	178	140980	0.395	ng		99
26) Anthracene	17.214	178	124548	0.419	ng		98
28) Fluoranthene	19.154	202	193769	0.441	ng		100
30) Pyrene	19.516	202	195416	0.521	ng		100
32) Benzo(a)anthracene	21.272	228	115605	0.427	ng		99
33) Chrysene	21.325	228	126332	0.402	ng		100
34) Bis(2-ethylhexyl)phtha...	21.208	149	74728	0.728	ng		100
36) Indeno(1,2,3-cd)pyrene	25.961	276	37762m	0.379	ng		
37) Benzo(b)fluoranthene	22.891	252	84720	0.417	ng		99
38) Benzo(k)fluoranthene	22.939	252	78009	0.394	ng		100
39) Benzo(a)pyrene	23.486	252	73654	0.407	ng	#	93
40) Dibenzo(a,h)anthracene	25.985	278	24038m	0.373	ng		
41) Benzo(g,h,i)perylene	26.673	276	36514	0.373	ng		99

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

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