Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121321\
Data File : BN017967.D
Acq On : 13 Dec 2021 12:00
Operator : CG/JU
Sample : M4923-21MS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Dec 14 03:40:31 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 :
RE105D1-20211202MS

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	7.715	152	25155	0.400	ng		0.00
7) Naphthalene-d8	10.494	136	107811	0.400	ng		0.00
13) Acenaphthene-d10	14.334	164	67055	0.400	ng		0.00
19) Phenanthrene-d10	17.080	188	140559	0.400	ng		#-0.01
29) Chrysene-d12	21.282	240	103382	0.400	ng		#-0.01
35) Perylene-d12	23.585	264	60174	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.336	112	1707514	32.926	ng		0.00
5) Phenol-d6	6.903	99	1199383	23.291	ng		0.00
8) Nitrobenzene-d5	8.859	82	3588109	50.971	ng		0.00
11) 2-Methylnaphthalene-d10	12.085	152	52031	0.274	ng		0.00
14) 2,4,6-Tribromophenol	15.832	330	2379660	65.372	ng		-0.01
15) 2-Fluorobiphenyl	12.964	172	7882263	33.405	ng		0.00
27) Fluoranthene-d10	19.124	212	162920	0.358	ng		0.00
31) Terphenyl-d14	19.735	244	8987168	35.258	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.279	88	50634m	6.633	ng		
3) n-Nitrosodimethylamine	3.602	42	3436	0.149	ng	#	86
6) bis(2-Chloroethyl)ether	7.143	93	24752	0.392	ng		100
9) Naphthalene	10.532	128	93077	0.347	ng		99
10) Hexachlorobutadiene	10.836	225	22927	0.300	ng	#	99
12) 2-Methylnaphthalene	12.156	142	64068	0.359	ng		99
16) Acenaphthylene	14.055	152	89692	0.358	ng		100
17) Acenaphthene	14.398	154	60502	0.348	ng		99
18) Fluorene	15.387	166	80973	0.382	ng		100
20) 4,6-Dinitro-2-methylph...	15.489	198	156	0.649	ng	#	70
21) 4-Bromophenyl-phenylether	16.277	248	33237	0.413	ng	#	90
22) Hexachlorobenzene	16.399	284	37527	0.357	ng		99
23) Atrazine	16.557	200	24322	0.443	ng		100
24) Pentachlorophenol	16.751	266	9351	1.466	ng		98
25) Phenanthrene	17.129	178	156403	0.436	ng		99
26) Anthracene	17.214	178	139648	0.466	ng		99
28) Fluoranthene	19.154	202	203422	0.460	ng		100
30) Pyrene	19.516	202	204646	0.505	ng		100
32) Benzo(a)anthracene	21.272	228	134631	0.456	ng		99
33) Chrysene	21.325	228	142603	0.420	ng		99
34) Bis(2-ethylhexyl)phtha...	21.208	149	70536	0.636	ng		100
36) Indeno(1,2,3-cd)pyrene	25.961	276	36728m	0.378	ng		
37) Benzo(b)fluoranthene	22.891	252	93021	0.468	ng		99
38) Benzo(k)fluoranthene	22.935	252	85658	0.442	ng		100
39) Benzo(a)pyrene	23.486	252	78933	0.447	ng	#	92
40) Dibenzo(a,h)anthracene	25.985	278	25034m	0.391	ng		
41) Benzo(g,h,i)perylene	26.676	276	36937	0.386	ng		99

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

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