Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121421\
Data File : BN018001.D
Acq On : 14 Dec 2021 13:28
Operator : CG/JU
Sample : M4922-19MSD
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
RE139D2-20211130MSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 12/15/2021
Supervised By :Jagrut Upadhyay 12/15/2021

Quant Time: Dec 15 02:19:40 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN121421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 14 01:08:04 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.688	152	30040	0.400	ng		0.00
7) Naphthalene-d8	10.470	136	123328	0.400	ng		0.00
13) Acenaphthene-d10	14.319	164	75252	0.400	ng		0.00
19) Phenanthrene-d10	17.066	188	156496	0.400	ng	#	0.00
29) Chrysene-d12	21.259	240	156676	0.400	ng	#	-0.01
35) Perylene-d12	23.543	264	152079	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.319	112	7447	0.114	ng		0.03
5) Phenol-d6	6.886	99	4456	0.068	ng		0.02
8) Nitrobenzene-d5	8.835	82	19750	0.226	ng		0.00
11) 2-Methylnaphthalene-d10	12.061	152	60965m	0.298	ng		0.00
14) 2,4,6-Tribromophenol	15.817	330	9291	0.384	ng		0.00
15) 2-Fluorobiphenyl	12.949	172	72967	0.278	ng		0.00
27) Fluoranthene-d10	19.103	212	153892	0.294	ng		0.00
31) Terphenyl-d14	19.708	244	126000	0.386	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.263	88	23723m	1.267	ng		
3) n-Nitrosodimethylamine	3.576	42	4047	0.145	ng		99
6) bis(2-Chloroethyl)ether	7.117	93	27950	0.363	ng		100
9) Naphthalene	10.508	128	100957	0.326	ng		99
10) Hexachlorobutadiene	10.812	225	25068	0.294	ng	#	100
12) 2-Methylnaphthalene	12.136	142	66854	0.346	ng		99
16) Acenaphthylene	14.028	152	99914	0.321	ng		100
17) Acenaphthene	14.383	154	65632	0.331	ng		99
18) Fluorene	15.373	166	86200	0.355	ng		100
20) 4,6-Dinitro-2-methylph...	15.461	198	2814	0.363	ng		98
21) 4-Bromophenyl-phenylether	16.263	248	33774	0.356	ng	#	86
22) Hexachlorobenzene	16.373	284	38502	0.340	ng		100
23) Atrazine	16.531	200	22874	0.361	ng		96
24) Pentachlorophenol	16.725	266	26019	1.028	ng		99
25) Phenanthrene	17.103	178	160328m	0.402	ng		
26) Anthracene	17.200	178	144127	0.401	ng		99
28) Fluoranthene	19.132	202	223226	0.450	ng		100
30) Pyrene	19.495	202	227074	0.442	ng		100
32) Benzo(a)anthracene	21.249	228	207161	0.439	ng		100
33) Chrysene	21.302	228	207930	0.414	ng		99
34) Bis(2-ethylhexyl)phtha...	21.196	149	131040	0.566	ng		100
36) Indeno(1,2,3-cd)pyrene	25.880	276	216027	0.424	ng		100
37) Benzo(b)fluoranthene	22.855	252	198027	0.438	ng		100
38) Benzo(k)fluoranthene	22.899	252	196537	0.446	ng		99
39) Benzo(a)pyrene	23.443	252	198157	0.431	ng		100
40) Dibenzo(a,h)anthracene	25.901	278	163770	0.413	ng		100
41) Benzo(g,h,i)perylene	26.592	276	196366	0.412	ng		100

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

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