Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121421\
Data File : BN017997.D
Acq On : 14 Dec 2021 11:04
Operator : CG/JU
Sample : M4923-21MS
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
RE105D1-20211202MS

Manual Integrations APPROVED

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

Quant Time: Dec 15 02:19:03 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	28832	0.400	ng		0.00
7) Naphthalene-d8	10.470	136	120380	0.400	ng		0.00
13) Acenaphthene-d10	14.319	164	72164	0.400	ng		0.00
19) Phenanthrene-d10	17.066	188	143984	0.400	ng		0.00
29) Chrysene-d12	21.270	240	140225	0.400	ng		0.00
35) Perylene-d12	23.549	264	127327	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.319	112	1834293	29.346	ng		0.03
5) Phenol-d6	6.886	99	1295092	20.666	ng		0.02
8) Nitrobenzene-d5	8.835	82	3948057	46.220	ng		0.00
11) 2-Methylnaphthalene-d10	12.065	152	54394	0.272	ng		0.00
14) 2,4,6-Tribromophenol	15.817	330	2623627	57.689	ng		0.00
15) 2-Fluorobiphenyl	12.949	172	8022090	31.901	ng		0.00
27) Fluoranthene-d10	19.103	212	171643	0.357	ng		0.00
31) Terphenyl-d14	19.718	244	9085586	31.090	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.262	88	91246m	5.078	ng		
3) n-Nitrosodimethylamine	3.585	42	3582	0.133	ng	#	99
6) bis(2-Chloroethyl)ether	7.126	93	28280	0.382	ng		100
9) Naphthalene	10.521	128	102270	0.339	ng		100
10) Hexachlorobutadiene	10.812	225	26832	0.323	ng	#	100
12) 2-Methylnaphthalene	12.136	142	69469	0.368	ng		99
16) Acenaphthylene	14.040	152	106681	0.357	ng		100
17) Acenaphthene	14.383	154	65148	0.343	ng		100
18) Fluorene	15.372	166	87322	0.375	ng		100
20) 4,6-Dinitro-2-methylph...	15.461	198	4138	0.452	ng		92
21) 4-Bromophenyl-phenylether	16.263	248	34745	0.399	ng	#	87
22) Hexachlorobenzene	16.385	284	39459	0.379	ng		98
23) Atrazine	16.543	200	25375	0.419	ng		95
24) Pentachlorophenol	16.738	266	25079	1.062	ng		99
25) Phenanthrene	17.103	178	159911m	0.436	ng		
26) Anthracene	17.200	178	143121	0.433	ng		99
28) Fluoranthene	19.132	202	215911	0.473	ng		100
30) Pyrene	19.495	202	218788	0.475	ng		100
32) Benzo(a)anthracene	21.249	228	187191	0.444	ng		98
33) Chrysene	21.302	228	197117	0.438	ng		100
34) Bis(2-ethylhexyl)phtha...	21.195	149	120590	0.582	ng		99
36) Indeno(1,2,3-cd)pyrene	25.887	276	182377	0.428	ng		100
37) Benzo(b)fluoranthene	22.858	252	188076	0.497	ng		99
38) Benzo(k)fluoranthene	22.902	252	180451	0.489	ng		100
39) Benzo(a)pyrene	23.447	252	171793	0.446	ng		99
40) Dibenzo(a,h)anthracene	25.904	278	131097	0.394	ng		99
41) Benzo(g,h,i)perylene	26.599	276	177753	0.446	ng		99

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

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