Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121421\
Data File : BN018006.D
Acq On : 14 Dec 2021 16:30
Operator : CG/JU
Sample : M4956-09MS
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
RE137-20211204MS

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

Quant Time: Dec 15 02:20:22 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	7.689	152	25120	0.400	ng	0.00
7) Naphthalene-d8	10.470	136	106466	0.400	ng	0.00
13) Acenaphthene-d10	14.320	164	65101	0.400	ng	0.00
19) Phenanthrene-d10	17.066	188	129994	0.400	ng	0.00
29) Chrysene-d12	21.259	240	133079	0.400	ng	#-0.01
35) Perylene-d12	23.543	264	127158	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.319	112	9435	0.173	ng	0.03
5) Phenol-d6	6.886	99	6119	0.112	ng	0.02
8) Nitrobenzene-d5	8.835	82	26129	0.346	ng	0.00
11) 2-Methylnaphthalene-d10	12.065	152	57671	0.327	ng	0.00
14) 2,4,6-Tribromophenol	15.817	330	10570	0.445	ng	0.00
15) 2-Fluorobiphenyl	12.949	172	85713	0.378	ng	0.00
27) Fluoranthene-d10	19.103	212	163174	0.376	ng	0.00
31) Terphenyl-d14	19.708	244	135299	0.488	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.263	88	102368m	6.539	ng	
3) n-Nitrosodimethylamine	3.576	42	4755	0.203	ng	# 94
6) bis(2-Chloroethyl)ether	7.117	93	31878	0.494	ng	99
9) Naphthalene	10.508	128	107370	0.402	ng	99
10) Hexachlorobutadiene	10.812	225	27194	0.370	ng	# 100
12) 2-Methylnaphthalene	12.136	142	72468	0.434	ng	99
16) Acenaphthylene	14.040	152	106510	0.396	ng	100
17) Acenaphthene	14.383	154	68845	0.402	ng	99
18) Fluorene	15.373	166	89833	0.427	ng	99
20) 4,6-Dinitro-2-methylph...	15.461	198	2716	0.387	ng	97
21) 4-Bromophenyl-phenylether	16.263	248	40280	0.512	ng	# 87
22) Hexachlorobenzene	16.385	284	40347	0.429	ng	100
23) Atrazine	16.531	200	32114	0.555	ng	96
24) Pentachlorophenol	16.726	266	9702	0.614	ng	99
25) Phenanthrene	17.103	178	164403m	0.497	ng	
26) Anthracene	17.200	178	153281	0.513	ng	99
28) Fluoranthene	19.132	202	212858	0.516	ng	100
30) Pyrene	19.495	202	216997	0.497	ng	100
32) Benzo(a)anthracene	21.249	228	196625	0.491	ng	100
33) Chrysene	21.302	228	209115	0.490	ng	98
34) Bis(2-ethylhexyl)phtha...	21.196	149	137064	0.697	ng	99
36) Indeno(1,2,3-cd)pyrene	25.881	276	207318	0.487	ng	100
37) Benzo(b)fluoranthene	22.851	252	199219	0.527	ng	100
38) Benzo(k)fluoranthene	22.896	252	194812	0.529	ng	100
39) Benzo(a)pyrene	23.440	252	193844	0.504	ng	100
40) Dibenzo(a,h)anthracene	25.894	278	163979	0.494	ng	99
41) Benzo(g,h,i)perylene	26.589	276	183218	0.460	ng	100

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

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