Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121421\
Data File : BN018007.D
Acq On : 14 Dec 2021 17:06
Operator : CG/JU
Sample : M4956-10MSD
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
RE137-20211204MSD

Manual Integrations APPROVED

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

Quant Time: Dec 15 02:20:31 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	26417	0.400	ng		0.00
7) Naphthalene-d8	10.470	136	112427	0.400	ng		0.00
13) Acenaphthene-d10	14.319	164	67337	0.400	ng		0.00
19) Phenanthrene-d10	17.066	188	138301	0.400	ng	#	0.00
29) Chrysene-d12	21.270	240	139185	0.400	ng	#	0.00
35) Perylene-d12	23.546	264	133199	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.319	112	9816	0.171	ng		0.03
5) Phenol-d6	6.886	99	6410	0.112	ng		0.02
8) Nitrobenzene-d5	8.835	82	27120	0.340	ng		0.00
11) 2-Methylnaphthalene-d10	12.061	152	60431	0.324	ng		0.00
14) 2,4,6-Tribromophenol	15.817	330	10919	0.445	ng		0.00
15) 2-Fluorobiphenyl	12.949	172	90382	0.385	ng		0.00
27) Fluoranthene-d10	19.103	212	171324	0.371	ng		0.00
31) Terphenyl-d14	19.708	244	142893	0.493	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.263	88	104613m	6.354	ng		
3) n-Nitrosodimethylamine	3.576	42	5040	0.205	ng	#	96
6) bis(2-Chloroethyl)ether	7.117	93	33447	0.493	ng		99
9) Naphthalene	10.521	128	111884	0.397	ng		100
10) Hexachlorobutadiene	10.812	225	28299	0.364	ng	#	100
12) 2-Methylnaphthalene	12.136	142	75782	0.430	ng		100
16) Acenaphthylene	14.028	152	111898	0.402	ng		100
17) Acenaphthene	14.383	154	71731	0.405	ng		98
18) Fluorene	15.373	166	93791	0.431	ng		100
20) 4,6-Dinitro-2-methylph...	15.461	198	2623	0.371	ng		97
21) 4-Bromophenyl-phenylether	16.263	248	42400	0.506	ng	#	86
22) Hexachlorobenzene	16.385	284	42220	0.422	ng		100
23) Atrazine	16.543	200	33165	0.541	ng		94
24) Pentachlorophenol	16.738	266	9852	0.597	ng		99
25) Phenanthrene	17.103	178	171593m	0.487	ng		
26) Anthracene	17.200	178	160819	0.506	ng		99
28) Fluoranthene	19.132	202	222667	0.507	ng		100
30) Pyrene	19.495	202	227337	0.498	ng		100
32) Benzo(a)anthracene	21.249	228	212477	0.507	ng		99
33) Chrysene	21.302	228	206893	0.463	ng		99
34) Bis(2-ethylhexyl)phtha...	21.196	149	138210	0.672	ng		99
36) Indeno(1,2,3-cd)pyrene	25.880	276	218559	0.490	ng		100
37) Benzo(b)fluoranthene	22.855	252	211208	0.534	ng		100
38) Benzo(k)fluoranthene	22.899	252	201426	0.522	ng		100
39) Benzo(a)pyrene	23.443	252	203199	0.504	ng		99
40) Dibenzo(a,h)anthracene	25.894	278	172265	0.495	ng		100
41) Benzo(g,h,i)perylene	26.589	276	190710	0.457	ng		100

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

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