Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122021\
Data File : BN018123.D
Acq On : 20 Dec 2021 15:34
Operator : CG/JU
Sample : M5137-03MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GWBR3D-G-115-140-121621-FDMS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 12/31/2021
Supervised By :mohammad ahmed 12/31/2021

Quant Time: Dec 20 16:12:57 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN121421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 20 14:16:44 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.670	152	23556	0.400	ng		0.00
7) Naphthalene-d8	10.445	136	99554	0.400	ng		0.00
13) Acenaphthene-d10	14.294	164	60371	0.400	ng		0.00
19) Phenanthrene-d10	17.030	188	108860	0.400	ng		0.00
29) Chrysene-d12	21.228	240	89439	0.400	ng	#	0.00
35) Perylene-d12	23.474	264	63341	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.300	112	6992	0.137	ng		0.03
5) Phenol-d6	6.868	99	4560	0.089	ng		0.02
8) Nitrobenzene-d5	8.810	82	19629	0.278	ng		0.00
11) 2-Methylnaphthalene-d10	12.038	152	61246m	0.371	ng		0.00
14) 2,4,6-Tribromophenol	15.791	330	8198	0.403	ng		0.00
15) 2-Fluorobiphenyl	12.924	172	65729	0.312	ng		0.00
27) Fluoranthene-d10	19.068	212	115435	0.317	ng		0.00
31) Terphenyl-d14	19.674	244	95871	0.514	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.253	88	49615m	3.380	ng		
3) n-Nitrosodimethylamine	3.567	42	3722	0.170	ng	#	94
6) bis(2-Chloroethyl)ether	7.108	93	21022	0.348	ng		98
9) Naphthalene	10.495	128	80811	0.323	ng		100
10) Hexachlorobutadiene	10.787	225	19656	0.286	ng	#	99
12) 2-Methylnaphthalene	12.114	142	52907	0.339	ng		99
16) Acenaphthylene	14.002	152	73670	0.295	ng		99
17) Acenaphthene	14.358	154	49833	0.314	ng		99
18) Fluorene	15.347	166	65158	0.334	ng		99
20) 4,6-Dinitro-2-methylph...	15.436	198	917	0.282	ng	#	79
21) 4-Bromophenyl-phenylether	16.227	248	26590	0.403	ng		93
22) Hexachlorobenzene	16.348	284	29695	0.377	ng		99
23) Atrazine	16.506	200	19762	0.429	ng		97
24) Pentachlorophenol	16.701	266	19991	1.102	ng		99
25) Phenanthrene	17.066	178	116690	0.421	ng		100
26) Anthracene	17.164	178	103531	0.414	ng		100
28) Fluoranthene	19.098	202	140923	0.408	ng		100
30) Pyrene	19.460	202	143474	0.489	ng		100
32) Benzo(a)anthracene	21.206	228	106975	0.398	ng		98
33) Chrysene	21.259	228	110735	0.386	ng		100
34) Bis(2-ethylhexyl)phtha...	21.153	149	104118	0.788	ng		100
36) Indeno(1,2,3-cd)pyrene	25.768	276	48376	0.228	ng		99
37) Benzo(b)fluoranthene	22.797	252	85789	0.456	ng		99
38) Benzo(k)fluoranthene	22.841	252	79968	0.436	ng		99
39) Benzo(a)pyrene	23.375	252	74496	0.389	ng		99
40) Dibenzo(a,h)anthracene	25.788	278	33832	0.205	ng		97
41) Benzo(g,h,i)perylene	26.462	276	48770	0.246	ng		99

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

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