Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122021\
Data File : BN018124.D
Acq On : 20 Dec 2021 16:16
Operator : CG/JU
Sample : M5137-04MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

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

Manual Integrations APPROVED

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

Quant Time: Dec 20 16:59:18 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	22468	0.400	ng		0.00
7) Naphthalene-d8	10.445	136	94366	0.400	ng		0.00
13) Acenaphthene-d10	14.294	164	57255	0.400	ng		0.00
19) Phenanthrene-d10	17.030	188	103381	0.400	ng		0.00
29) Chrysene-d12	21.228	240	87560	0.400	ng	#	0.00
35) Perylene-d12	23.478	264	62921	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.300	112	6622	0.136	ng		0.03
5) Phenol-d6	6.868	99	4327	0.089	ng		0.02
8) Nitrobenzene-d5	8.810	82	18532	0.277	ng		0.00
11) 2-Methylnaphthalene-d10	12.038	152	57418m	0.367	ng		0.00
14) 2,4,6-Tribromophenol	15.791	330	7827	0.405	ng		0.00
15) 2-Fluorobiphenyl	12.924	172	62223	0.312	ng		0.00
27) Fluoranthene-d10	19.068	212	111710	0.324	ng		0.00
31) Terphenyl-d14	19.674	244	93004	0.510	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.244	88	45531m	3.252	ng		
3) n-Nitrosodimethylamine	3.558	42	3408	0.163	ng	#	98
6) bis(2-Chloroethyl)ether	7.098	93	19967	0.346	ng		98
9) Naphthalene	10.496	128	76708	0.324	ng		100
10) Hexachlorobutadiene	10.787	225	18723	0.287	ng	#	100
12) 2-Methylnaphthalene	12.110	142	50262	0.340	ng		100
16) Acenaphthylene	14.015	152	69972	0.296	ng		99
17) Acenaphthene	14.358	154	46788	0.311	ng		99
18) Fluorene	15.347	166	61327	0.332	ng		100
20) 4,6-Dinitro-2-methylph...	15.436	198	845	0.279	ng	#	75
21) 4-Bromophenyl-phenylether	16.239	248	25506	0.407	ng	#	79
22) Hexachlorobenzene	16.348	284	28531	0.382	ng		99
23) Atrazine	16.507	200	19009	0.433	ng		97
24) Pentachlorophenol	16.701	266	18685	1.090	ng		99
25) Phenanthrene	17.079	178	111430	0.423	ng		100
26) Anthracene	17.164	178	98253	0.414	ng		99
28) Fluoranthene	19.098	202	137501	0.419	ng		100
30) Pyrene	19.460	202	138246	0.481	ng		100
32) Benzo(a)anthracene	21.206	228	105223	0.399	ng		99
33) Chrysene	21.259	228	111699	0.398	ng		100
34) Bis(2-ethylhexyl)phtha...	21.153	149	99975	0.773	ng		100
36) Indeno(1,2,3-cd)pyrene	25.774	276	49551	0.235	ng		99
37) Benzo(b)fluoranthene	22.797	252	86528	0.463	ng		99
38) Benzo(k)fluoranthene	22.841	252	82571	0.453	ng		99
39) Benzo(a)pyrene	23.378	252	74741	0.393	ng		98
40) Dibenzo(a,h)anthracene	25.788	278	34731	0.211	ng		98
41) Benzo(g,h,i)perylene	26.462	276	49944	0.253	ng		99

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

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