Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070222\
Data File : BN020605.D
Acq On : 01 Jul 2022 22:40
Operator : CG/JU
Sample : N3458-08MS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
RE114D2-20220622MS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 07/05/2022
Supervised By :Jagrut Upadhyay 07/05/2022

Quant Time: Jul 02 03:13:21 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN062622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 02 03:10:12 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.826	152	4170	0.400	ng		0.00
7) Naphthalene-d8	10.626	136	12368	0.400	ng	#	0.00
13) Acenaphthene-d10	14.474	164	6487	0.400	ng		0.00
19) Phenanthrene-d10	17.226	188	12588	0.400	ng	#	0.00
29) Chrysene-d12	21.431	240	10102	0.400	ng	#	0.00
35) Perylene-d12	23.782	264	7744	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.435	112	276	0.024	ng		0.02
5) Phenol-d6	7.060	99	71	0.005	ng		0.03
8) Nitrobenzene-d5	8.993	82	2386	0.238	ng		0.00
11) 2-Methylnaphthalene-d10	12.227	152	6585	0.311	ng		0.00
14) 2,4,6-Tribromophenol	15.985	330	230	0.094	ng		0.01
15) 2-Fluorobiphenyl	13.105	172	7387	0.276	ng		0.00
27) Fluoranthene-d10	19.265	212	10996	0.294	ng		0.00
31) Terphenyl-d14	19.868	244	8149	0.338	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.254	88	12913	2.363	ng		95
3) n-Nitrosodimethylamine	3.615	42	503	0.101	ng	#	69
6) bis(2-Chloroethyl)ether	7.255	93	4191	0.352	ng		97
9) Naphthalene	10.680	128	12855	0.348	ng		99
10) Hexachlorobutadiene	10.968	225	2138	0.318	ng	#	100
12) 2-Methylnaphthalene	12.299	142	8166	0.333	ng		99
16) Acenaphthylene	14.196	152	10364	0.332	ng		99
17) Acenaphthene	14.538	154	7299	0.344	ng		96
18) Fluorene	15.532	166	9008	0.325	ng		99
20) 4,6-Dinitro-2-methylph...	15.693	198	34m	0.239	ng		
21) 4-Bromophenyl-phenylether	16.426	248	2709	0.370	ng	#	83
22) Hexachlorobenzene	16.538	284	3094	0.382	ng		97
23) Atrazine	16.692	200	1993	0.345	ng		97
24) Pentachlorophenol	16.897	266	295	0.297	ng		89
25) Phenanthrene	17.267	178	16040	0.378	ng		100
26) Anthracene	17.359	178	13396	0.366	ng		100
28) Fluoranthene	19.295	202	18054	0.390	ng		100
30) Pyrene	19.662	202	18222	0.426	ng		100
32) Benzo(a)anthracene	21.413	228	13634	0.378	ng		98
33) Chrysene	21.467	228	16098	0.403	ng		99
34) Bis(2-ethylhexyl)phtha...	21.351	149	7718	0.380	ng		98
36) Indeno(1,2,3-cd)pyrene	26.223	276	11141	0.323	ng		99
37) Benzo(b)fluoranthene	23.068	252	13391	0.449	ng		99
38) Benzo(k)fluoranthene	23.115	252	13572	0.427	ng		97
39) Benzo(a)pyrene	23.679	252	11186	0.432	ng		97
40) Dibenzo(a,h)anthracene	26.241	278	9797	0.354	ng		97
41) Benzo(g,h,i)perylene	26.969	276	10498	0.347	ng		99

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

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