Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102323\
Data File : BN028359.D
Acq On : 23 Oct 2023 23:49
Operator : MA/JU
Sample : 04986-03
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GWOW-BR-06-230-250-101923

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 10/24/2023
Supervised By :mohammad ahmed 10/25/2023

Quant Time: Oct 24 03:22:20 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN101223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 23 15:14:08 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.886	152	3145	0.400	ng		0.00
7) Naphthalene-d8	10.703	136	10307	0.400	ng	#	0.00
13) Acenaphthene-d10	14.534	164	6604	0.400	ng		0.00
19) Phenanthrene-d10	17.294	188	15802	0.400	ng		0.00
29) Chrysene-d12	21.480	240	16186	0.400	ng		0.00
35) Perylene-d12	23.928	264	15406	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.437	112	557	0.057	ng		0.00
5) Phenol-d6	7.120	99	309	0.026	ng		0.07
8) Nitrobenzene-d5	9.123	82	1420	0.155	ng		0.02
11) 2-Methylnaphthalene-d10	12.302	152	3236	0.209	ng		0.00
14) 2,4,6-Tribromophenol	16.053	330	474	0.147	ng		-0.01
15) 2-Fluorobiphenyl	13.165	172	4491	0.193	ng		0.00
27) Fluoranthene-d10	19.319	212	10574	0.250	ng		0.00
31) Terphenyl-d14	19.909	244	9476	0.276	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.299	88	335	0.088	ng	#	78
3) n-Nitrosodimethylamine	3.661	42	230	0.055	ng	#	74
6) bis(2-Chloroethyl)ether	7.344	93	1357	0.146	ng	#	61
9) Naphthalene	10.757	128	2945	0.110	ng	#	93
10) Hexachlorobutadiene	10.960	225	424	0.092	ng	#	99
12) 2-Methylnaphthalene	12.374	142	1830	0.096	ng	#	95
16) Acenaphthylene	14.266	152	3026	0.102	ng		97
17) Acenaphthene	14.598	154	1904	0.102	ng		98
18) Fluorene	15.581	166	2696	0.110	ng		98
21) 4-Bromophenyl-phenylether	16.475	248	836	0.103	ng	#	92
22) Hexachlorobenzene	16.562	284	900	0.107	ng		95
23) Atrazine	16.748	200	953	0.125	ng	#	93
24) Pentachlorophenol	16.946	266	727m	0.190	ng		
25) Phenanthrene	17.331	178	5457	0.126	ng		99
26) Anthracene	17.430	178	4309	0.104	ng		98
28) Fluoranthene	19.351	202	6965	0.128	ng		99
30) Pyrene	19.718	202	7390	0.133	ng		100
32) Benzo(a)anthracene	21.471	228	6829	0.119	ng		99
33) Chrysene	21.524	228	6918	0.126	ng		98
34) Bis(2-ethylhexyl)phtha...	21.336	149	7973	0.182	ng	#	95
36) Indeno(1,2,3-cd)pyrene	26.507	276	5756	0.093	ng		98
37) Benzo(b)fluoranthene	23.174	252	6549	0.136	ng	#	87
38) Benzo(k)fluoranthene	23.224	252	6151	0.126	ng	#	85
39) Benzo(a)pyrene	23.820	252	5118	0.107	ng	#	73
40) Dibenzo(a,h)anthracene	26.516	278	4676	0.093	ng	#	87
41) Benzo(g,h,i)perylene	27.308	276	4875	0.094	ng		93

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

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