Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052623\
Data File : BN025711.D
Acq On : 29 May 2023 10:05
Operator : CG/JU
Sample : 02911-02MS
Misc :
ALS Vial : 110 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
RW10-MW10D-20230522MS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 05/30/2023
Supervised By :Jagrut Upadhyay 05/31/2023

Quant Time: May 30 00:53:14 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN052623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 29 00:47:45 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.012	152	6464	0.400	ng	0.00
7) Naphthalene-d8	10.825	136	18787	0.400	ng	#-0.01
13) Acenaphthene-d10	14.641	164	10708	0.400	ng	-0.01
19) Phenanthrene-d10	17.393	188	22700	0.400	ng	# 0.00
29) Chrysene-d12	21.569	240	14874	0.400	ng	0.00
35) Perylene-d12	24.066	264	12842	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.564	112	1896	0.114	ng	0.00
5) Phenol-d6	7.174	99	1475	0.074	ng	0.00
8) Nitrobenzene-d5	9.180	82	4288	0.273	ng	-0.01
11) 2-Methylnaphthalene-d10	12.415	152	8153	0.304	ng	0.00
14) 2,4,6-Tribromophenol	16.140	330	976	0.451	ng	-0.01
15) 2-Fluorobiphenyl	13.272	172	12497	0.283	ng	-0.01
27) Fluoranthene-d10	19.416	212	17265	0.336	ng	0.00
31) Terphenyl-d14	20.006	244	13900	0.427	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.397	88	891	0.119	ng	# 69
3) n-Nitrosodimethylamine	3.766	42	491	0.061	ng	# 74
6) bis(2-Chloroethyl)ether	7.427	93	5076	0.248	ng	88
9) Naphthalene	10.878	128	14027	0.273	ng	99
10) Hexachlorobutadiene	11.166	225	2185	0.245	ng	# 96
12) 2-Methylnaphthalene	12.487	142	9239	0.261	ng	99
16) Acenaphthylene	14.373	152	13535	0.268	ng	99
17) Acenaphthene	14.705	154	9336	0.280	ng	99
18) Fluorene	15.693	166	12836	0.292	ng	100
20) 4,6-Dinitro-2-methylph...	15.780	198	1035	0.444	ng	# 64
21) 4-Bromophenyl-phenylether	16.574	248	3362	0.261	ng	94
22) Hexachlorobenzene	16.698	284	3162	0.268	ng	98
23) Atrazine	16.847	200	2052	0.200	ng	# 91
24) Pentachlorophenol	17.046	266	1924	1.267	ng	# 87
25) Phenanthrene	17.430	178	22580	0.327	ng	100
26) Anthracene	17.530	178	18906	0.303	ng	99
28) Fluoranthene	19.449	202	25370	0.337	ng	99
30) Pyrene	19.811	202	25986	0.359	ng	99
32) Benzo(a)anthracene	21.560	228	19151	0.346	ng	99
33) Chrysene	21.614	228	19747	0.328	ng	100
34) Bis(2-ethylhexyl)phtha...	21.471	149	13428	0.398	ng	100
36) Indeno(1,2,3-cd)pyrene	26.671	276	13694	0.278	ng	# 62
37) Benzo(b)fluoranthene	23.300	252	17038	0.349	ng	97
38) Benzo(k)fluoranthene	23.355	252	17332m	0.340	ng	
39) Benzo(a)pyrene	23.952	252	13005	0.278	ng	97
40) Dibenzo(a,h)anthracene	26.694	278	10772	0.276	ng	99
41) Benzo(g,h,i)perylene	27.466	276	11149	0.250	ng	97

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

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