Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN053023\
Data File : BN025721.D
Acq On : 30 May 2023 17:46
Operator : CG/JU
Sample : 02911-02MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
RW10-MW10D-20230522MS

Manual Integrations APPROVED

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

Quant Time: May 31 05:28:49 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	6106	0.400	ng	0.00
7) Naphthalene-d8	10.835	136	17686	0.400	ng	0.00
13) Acenaphthene-d10	14.641	164	9934	0.400	ng	-0.01
19) Phenanthrene-d10	17.393	188	20808	0.400	ng	# 0.00
29) Chrysene-d12	21.569	240	13676	0.400	ng	0.00
35) Perylene-d12	24.057	264	11891	0.400	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.564	112	1534	0.098	ng	0.00
5) Phenol-d6	7.174	99	1194	0.064	ng	0.00
8) Nitrobenzene-d5	9.180	82	3548	0.240	ng	-0.01
11) 2-Methylnaphthalene-d10	12.415	152	6713	0.266	ng	0.00
14) 2,4,6-Tribromophenol	16.140	330	749	0.373	ng	-0.01
15) 2-Fluorobiphenyl	13.272	172	10261	0.250	ng	-0.01
27) Fluoranthene-d10	19.416	212	13805	0.293	ng	0.00
31) Terphenyl-d14	20.006	244	11098	0.371	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.390	88	3522	0.498	ng	# 93
3) n-Nitrosodimethylamine	3.787	42	495m	0.065	ng	
6) bis(2-Chloroethyl)ether	7.434	93	4179	0.216	ng	# 87
9) Naphthalene	10.878	128	11752	0.243	ng	100
10) Hexachlorobutadiene	11.166	225	1822	0.217	ng	# 99
12) 2-Methylnaphthalene	12.487	142	7609	0.229	ng	98
16) Acenaphthylene	14.373	152	10995	0.234	ng	99
17) Acenaphthene	14.705	154	7692	0.249	ng	100
18) Fluorene	15.693	166	10434	0.255	ng	100
20) 4,6-Dinitro-2-methylph...	15.780	198	815	0.400	ng	# 69
21) 4-Bromophenyl-phenylether	16.574	248	2794	0.237	ng	94
22) Hexachlorobenzene	16.698	284	2522	0.234	ng	96
23) Atrazine	16.847	200	1696	0.180	ng	93
24) Pentachlorophenol	17.046	266	1508	1.168	ng	# 88
25) Phenanthrene	17.430	178	18307	0.289	ng	100
26) Anthracene	17.517	178	15206	0.265	ng	99
28) Fluoranthene	19.444	202	20209	0.293	ng	99
30) Pyrene	19.806	202	20796	0.312	ng	99
32) Benzo(a)anthracene	21.551	228	15314	0.301	ng	99
33) Chrysene	21.614	228	15603	0.282	ng	99
34) Bis(2-ethylhexyl)phtha...	21.471	149	11046	0.356	ng	99
36) Indeno(1,2,3-cd)pyrene	26.662	276	11211	0.246	ng	# 58
37) Benzo(b)fluoranthene	23.297	252	13878	0.307	ng	96
38) Benzo(k)fluoranthene	23.347	252	13090	0.278	ng	97
39) Benzo(a)pyrene	23.949	252	10770	0.249	ng	# 89
40) Dibenzo(a,h)anthracene	26.691	278	8960	0.248	ng	# 91
41) Benzo(g,h,i)perylene	27.454	276	9085	0.220	ng	98

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

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