Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082823\
Data File : BN027215.D
Acq On : 28 Aug 2023 13:43
Operator : MA/JU
Sample : 04051-06MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
TT180D-20230816MSD

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/29/2023
Supervised By :mohammad ahmed 08/29/2023

Quant Time: Aug 29 03:24:20 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 29 03:21:06 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.073	152	6270	0.400	ng	0.00
7) Naphthalene-d8	10.896	136	16326	0.400	ng	# 0.00
13) Acenaphthene-d10	14.705	164	9323	0.400	ng	0.01
19) Phenanthrene-d10	17.443	188	20624	0.400	ng	#-0.01
29) Chrysene-d12	21.632	240	15663	0.400	ng	0.00
35) Perylene-d12	24.159	264	13663	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.596	112	2028	0.115	ng	0.00
5) Phenol-d6	7.214	99	1381	0.063	ng	0.00
8) Nitrobenzene-d5	9.262	82	3626	0.263	ng	0.00
11) 2-Methylnaphthalene-d10	12.472	152	8453m	0.326	ng	0.00
14) 2,4,6-Tribromophenol	16.189	330	1149	0.232	ng	0.00
15) 2-Fluorobiphenyl	13.326	172	12318	0.356	ng	0.00
27) Fluoranthene-d10	19.467	212	19193	0.363	ng	0.00
31) Terphenyl-d14	20.053	244	14590	0.446	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.458	88	4940	0.733	ng	# 90
3) n-Nitrosodimethylamine	3.805	42	1190	0.158	ng	# 91
6) bis(2-Chloroethyl)ether	7.503	93	7059	0.385	ng	95
9) Naphthalene	10.949	128	16382	0.381	ng	100
10) Hexachlorobutadiene	11.184	225	3187	0.363	ng	# 100
12) 2-Methylnaphthalene	12.544	142	10759	0.320	ng	99
16) Acenaphthylene	14.427	152	17081	0.384	ng	99
17) Acenaphthene	14.758	154	10484	0.381	ng	96
18) Fluorene	15.742	166	14645	0.397	ng	98
20) 4,6-Dinitro-2-methylph...	16.897	198	146	0.451	ng	# 50
21) 4-Bromophenyl-phenylether	16.636	248	4253	0.361	ng	# 94
22) Hexachlorobenzene	16.723	284	5395	0.429	ng	95
23) Atrazine	16.897	200	3553	0.339	ng	# 94
24) Pentachlorophenol	17.070	266	3007	0.474	ng	98
25) Phenanthrene	17.493	178	25325	0.427	ng	100
26) Anthracene	17.579	178	20655	0.373	ng	100
28) Fluoranthene	19.500	202	30126	0.429	ng	99
30) Pyrene	19.867	202	31068	0.515	ng	99
32) Benzo(a)anthracene	21.614	228	23958	0.424	ng	98
33) Chrysene	21.668	228	26322	0.461	ng	99
34) Bis(2-ethylhexyl)phtha...	21.489	149	12547	0.308	ng	# 98
36) Indeno(1,2,3-cd)pyrene	26.840	276	20501m	0.366	ng	
37) Benzo(b)fluoranthene	23.370	252	23796	0.520	ng	# 93
38) Benzo(k)fluoranthene	23.426	252	22556	0.480	ng	# 94
39) Benzo(a)pyrene	24.045	252	18097	0.395	ng	# 89
40) Dibenzo(a,h)anthracene	26.864	278	16071	0.361	ng	# 93
41) Benzo(g,h,i)perylene	27.671	276	17979	0.375	ng	# 95

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

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