Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032725\
Data File : BN036770.D
Acq On : 28 Mar 2025 13:22
Operator : RC/JU
Sample : Q1629-05MSD
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
TT188S1-20250320MSD

Manual Integrations APPROVED
Reviewed By :Anahy Claudio 03/31/2025
Supervised By :Jagrut Upadhyay 04/01/2025

Quant Time: Mar 28 14:17:33 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 10 16:06:28 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.696	152	1415	0.400	ng	-0.03
7) Naphthalene-d8	10.488	136	3434	0.400	ng	#-0.02
13) Acenaphthene-d10	14.334	164	2160	0.400	ng	-0.03
19) Phenanthrene-d10	17.087	188	4889	0.400	ng	-0.02
29) Chrysene-d12	21.277	240	4383	0.400	ng	#-0.02
35) Perylene-d12	23.516	264	3881	0.400	ng	#-0.04
System Monitoring Compounds						
4) 2-Fluorophenol	5.291	112	530	0.161	ng	-0.02
5) Phenol-d6	6.872	99	415	0.102	ng	-0.03
8) Nitrobenzene-d5	8.854	82	1156	0.309	ng	-0.02
11) 2-Methylnaphthalene-d10	12.075	152	1798m	0.352	ng	-0.04
14) 2,4,6-Tribromophenol	15.833	330	421	0.430	ng	-0.02
15) 2-Fluorobiphenyl	12.963	172	4557	0.363	ng	-0.03
27) Fluoranthene-d10	19.118	212	5348	0.427	ng	-0.02
31) Terphenyl-d14	19.722	244	3904	0.372	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.225	88	887	0.565	ng	# 59
3) n-Nitrosodimethylamine	3.536	42	534	0.168	ng	# 96
6) bis(2-Chloroethyl)ether	7.125	93	1239	0.294	ng	94
9) Naphthalene	10.530	128	3214	0.318	ng	97
10) Hexachlorobutadiene	10.819	225	699	0.294	ng	# 98
12) 2-Methylnaphthalene	12.152	142	2096	0.326	ng	98
16) Acenaphthylene	14.056	152	3550	0.348	ng	99
17) Acenaphthene	14.398	154	2270	0.340	ng	99
18) Fluorene	15.393	166	3209	0.356	ng	99
20) 4,6-Dinitro-2-methylph...	15.478	198	349	0.425	ng	83
21) 4-Bromophenyl-phenylether	16.280	248	1077	0.352	ng	96
22) Hexachlorobenzene	16.391	284	1179	0.319	ng	94
23) Atrazine	16.553	200	1002	0.408	ng	100
24) Pentachlorophenol	16.739	266	1036	0.614	ng	98
25) Phenanthrene	17.124	178	5668	0.386	ng	100
26) Anthracene	17.223	178	5004	0.378	ng	99
28) Fluoranthene	19.150	202	6870	0.417	ng	99
30) Pyrene	19.513	202	7205	0.336	ng	100
32) Benzo(a)anthracene	21.259	228	5677	0.372	ng	99
33) Chrysene	21.313	228	6461	0.388	ng	98
34) Bis(2-ethylhexyl)phtha...	21.196	149	3896	0.359	ng	# 99
36) Indeno(1,2,3-cd)pyrene	25.785	276	5098	0.364	ng	96
37) Benzo(b)fluoranthene	22.844	252	5361	0.380	ng	97
38) Benzo(k)fluoranthene	22.888	252	5659	0.382	ng	95
39) Benzo(a)pyrene	23.420	252	4598	0.387	ng	95
40) Dibenzo(a,h)anthracene	25.803	278	3921	0.360	ng	95
41) Benzo(g,h,i)perylene	26.469	276	3995	0.320	ng	96

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

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