Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032725\
Data File : BN036769.D
Acq On : 28 Mar 2025 12:47
Operator : RC/JU
Sample : Q1629-04MS
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
TT188S1-20250320MS

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

Quant Time: Mar 28 13:09:57 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	1547	0.400	ng	-0.03
7) Naphthalene-d8	10.488	136	3800	0.400	ng	#-0.02
13) Acenaphthene-d10	14.334	164	2504	0.400	ng	-0.03
19) Phenanthrene-d10	17.087	188	5519	0.400	ng	-0.02
29) Chrysene-d12	21.277	240	4772	0.400	ng	#-0.02
35) Perylene-d12	23.519	264	4206	0.400	ng	#-0.03
System Monitoring Compounds						
4) 2-Fluorophenol	5.291	112	621	0.172	ng	-0.02
5) Phenol-d6	6.872	99	461	0.104	ng	-0.03
8) Nitrobenzene-d5	8.843	82	1270	0.307	ng	-0.03
11) 2-Methylnaphthalene-d10	12.075	152	2142m	0.379	ng	-0.04
14) 2,4,6-Tribromophenol	15.833	330	500	0.440	ng	-0.02
15) 2-Fluorobiphenyl	12.963	172	5081	0.349	ng	-0.03
27) Fluoranthene-d10	19.118	212	5936	0.420	ng	-0.02
31) Terphenyl-d14	19.722	244	4521	0.395	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.225	88	1076	0.627	ng	# 70
3) n-Nitrosodimethylamine	3.536	42	692	0.199	ng	# 97
6) bis(2-Chloroethyl)ether	7.125	93	1606	0.349	ng	96
9) Naphthalene	10.530	128	4212	0.377	ng	98
10) Hexachlorobutadiene	10.818	225	873	0.332	ng	# 100
12) 2-Methylnaphthalene	12.151	142	2787	0.392	ng	98
16) Acenaphthylene	14.056	152	4729	0.400	ng	99
17) Acenaphthene	14.398	154	3057	0.395	ng	98
18) Fluorene	15.393	166	4486	0.429	ng	99
20) 4,6-Dinitro-2-methylph...	15.478	198	460	0.472	ng	# 77
21) 4-Bromophenyl-phenylether	16.280	248	1436	0.415	ng	94
22) Hexachlorobenzene	16.391	284	1647	0.395	ng	97
23) Atrazine	16.553	200	1296	0.467	ng	99
24) Pentachlorophenol	16.739	266	1338	0.703	ng	98
25) Phenanthrene	17.124	178	7316	0.442	ng	99
26) Anthracene	17.223	178	6668	0.446	ng	99
28) Fluoranthene	19.150	202	8988	0.483	ng	99
30) Pyrene	19.513	202	9497	0.407	ng	100
32) Benzo(a)anthracene	21.259	228	7243	0.437	ng	99
33) Chrysene	21.313	228	8271	0.456	ng	98
34) Bis(2-ethylhexyl)phtha...	21.196	149	4790	0.405	ng	# 99
36) Indeno(1,2,3-cd)pyrene	25.785	276	6488	0.427	ng	98
37) Benzo(b)fluoranthene	22.844	252	7114	0.465	ng	93
38) Benzo(k)fluoranthene	22.888	252	7550	0.470	ng	93
39) Benzo(a)pyrene	23.420	252	6131	0.476	ng	# 91
40) Dibenzo(a,h)anthracene	25.800	278	4935	0.418	ng	92
41) Benzo(g,h,i)perylene	26.475	276	5010	0.371	ng	98

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

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