Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN033125\
Data File : BN036812.D
Acq On : 31 Mar 2025 13:04
Operator : RC/JU
Sample : Q1629-15MS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
RW09-MW01S-20250320MS

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 03/31/2025
Supervised By :Jagrut Upadhyay 04/01/2025

Quant Time: Mar 31 13:51:32 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	1333	0.400	ng	-0.03
7) Naphthalene-d8	10.477	136	3452	0.400	ng	-0.03
13) Acenaphthene-d10	14.334	164	2071	0.400	ng	-0.03
19) Phenanthrene-d10	17.087	188	4565	0.400	ng	-0.02
29) Chrysene-d12	21.277	240	3721	0.400	ng	#-0.02
35) Perylene-d12	23.514	264	3243	0.400	ng	#-0.04
System Monitoring Compounds						
4) 2-Fluorophenol	5.291	112	343	0.110	ng	-0.02
5) Phenol-d6	6.872	99	244	0.064	ng	-0.03
8) Nitrobenzene-d5	8.843	82	968	0.258	ng	-0.03
11) 2-Methylnaphthalene-d10	12.075	152	1542m	0.300	ng	-0.04
14) 2,4,6-Tribromophenol	15.833	330	298	0.317	ng	-0.02
15) 2-Fluorobiphenyl	12.958	172	3585	0.298	ng	-0.03
27) Fluoranthene-d10	19.113	212	4467	0.382	ng	-0.03
31) Terphenyl-d14	19.717	244	3076	0.345	ng	-0.03
Target Compounds						Qvalue
2) 1,4-Dioxane	3.218	88	1205	0.815	ng	# 74
3) n-Nitrosodimethylamine	3.536	42	424	0.142	ng	# 97
6) bis(2-Chloroethyl)ether	7.125	93	1162	0.293	ng	95
9) Naphthalene	10.530	128	3143	0.310	ng	97
10) Hexachlorobutadiene	10.819	225	645	0.270	ng	# 99
12) 2-Methylnaphthalene	12.146	142	2086	0.323	ng	97
16) Acenaphthylene	14.056	152	3407	0.349	ng	99
17) Acenaphthene	14.398	154	2173	0.340	ng	100
18) Fluorene	15.382	166	3010	0.348	ng	100
20) 4,6-Dinitro-2-methylph...	15.478	198	276	0.383	ng	90
21) 4-Bromophenyl-phenylether	16.280	248	972	0.340	ng	92
22) Hexachlorobenzene	16.392	284	1104	0.320	ng	94
23) Atrazine	16.553	200	961	0.419	ng	96
24) Pentachlorophenol	16.739	266	749	0.476	ng	97
25) Phenanthrene	17.124	178	5123	0.374	ng	100
26) Anthracene	17.211	178	4690	0.380	ng	99
28) Fluoranthene	19.146	202	6331	0.412	ng	98
30) Pyrene	19.508	202	6526	0.359	ng	99
32) Benzo(a)anthracene	21.259	228	4950	0.383	ng	98
33) Chrysene	21.313	228	5624	0.398	ng	98
34) Bis(2-ethylhexyl)phtha...	21.196	149	3839	0.417	ng	98
36) Indeno(1,2,3-cd)pyrene	25.779	276	4261	0.364	ng	95
37) Benzo(b)fluoranthene	22.841	252	4590	0.389	ng	96
38) Benzo(k)fluoranthene	22.888	252	4906	0.396	ng	95
39) Benzo(a)pyrene	23.420	252	4050	0.408	ng	95
40) Dibenzo(a,h)anthracene	25.797	278	3226	0.354	ng	98
41) Benzo(g,h,i)perylene	26.472	276	3674	0.352	ng	96

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

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