Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN033125\
Data File : BN036813.D
Acq On : 31 Mar 2025 13:40
Operator : RC/JU
Sample : Q1629-16MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
RW09-MW01S-20250320MSD

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

Quant Time: Mar 31 14:15:50 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	7.695	152	1372	0.400	ng	-0.03
7) Naphthalene-d8	10.477	136	3583	0.400	ng	-0.03
13) Acenaphthene-d10	14.334	164	2162	0.400	ng	-0.03
19) Phenanthrene-d10	17.086	188	4671	0.400	ng	-0.02
29) Chrysene-d12	21.277	240	3683	0.400	ng	#-0.02
35) Perylene-d12	23.516	264	3184	0.400	ng	#-0.04
System Monitoring Compounds						
4) 2-Fluorophenol	5.290	112	364	0.114	ng	-0.02
5) Phenol-d6	6.872	99	261	0.066	ng	-0.03
8) Nitrobenzene-d5	8.843	82	1029	0.264	ng	-0.03
11) 2-Methylnaphthalene-d10	12.075	152	1736m	0.326	ng	-0.04
14) 2,4,6-Tribromophenol	15.833	330	313	0.319	ng	-0.02
15) 2-Fluorobiphenyl	12.958	172	3616	0.288	ng	-0.03
27) Fluoranthene-d10	19.118	212	4544	0.380	ng	-0.02
31) Terphenyl-d14	19.717	244	3134	0.355	ng	-0.03
Target Compounds						Qvalue
2) 1,4-Dioxane	3.218	88	1280	0.841	ng	# 83
3) n-Nitrosodimethylamine	3.535	42	439	0.143	ng	# 92
6) bis(2-Chloroethyl)ether	7.125	93	1165	0.285	ng	94
9) Naphthalene	10.530	128	3289	0.312	ng	98
10) Hexachlorobutadiene	10.818	225	687	0.277	ng	# 99
12) 2-Methylnaphthalene	12.146	142	2187	0.326	ng	97
16) Acenaphthylene	14.056	152	3518	0.345	ng	100
17) Acenaphthene	14.398	154	2211	0.331	ng	98
18) Fluorene	15.382	166	3103	0.343	ng	98
20) 4,6-Dinitro-2-methylph...	15.478	198	273	0.375	ng	94
21) 4-Bromophenyl-phenylether	16.280	248	1009	0.345	ng	92
22) Hexachlorobenzene	16.391	284	1122	0.318	ng	94
23) Atrazine	16.553	200	992	0.423	ng	96
24) Pentachlorophenol	16.739	266	763	0.474	ng	99
25) Phenanthrene	17.124	178	5288	0.377	ng	99
26) Anthracene	17.210	178	4871	0.385	ng	98
28) Fluoranthene	19.146	202	6484	0.412	ng	98
30) Pyrene	19.508	202	6632	0.368	ng	100
32) Benzo(a)anthracene	21.259	228	4899	0.383	ng	99
33) Chrysene	21.313	228	5677	0.406	ng	99
34) Bis(2-ethylhexyl)phtha...	21.196	149	4003	0.439	ng	# 98
36) Indeno(1,2,3-cd)pyrene	25.788	276	4286	0.373	ng	96
37) Benzo(b)fluoranthene	22.844	252	4479	0.387	ng	97
38) Benzo(k)fluoranthene	22.888	252	4899	0.403	ng	96
39) Benzo(a)pyrene	23.423	252	4067	0.417	ng	96
40) Dibenzo(a,h)anthracene	25.803	278	3174	0.355	ng	99
41) Benzo(g,h,i)perylene	26.475	276	3612	0.353	ng	98

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

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