Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032725\
Data File : BN036767.D
Acq On : 28 Mar 2025 10:58
Operator : RC/JU
Sample : Q1608-13MSD
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
RE132D1-20250318MSD

Quant Time: Mar 28 11:32:03 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	10.487	136	3404	0.400	ng	#-0.02
13) Acenaphthene-d10	14.334	164	2163	0.400	ng	-0.03
19) Phenanthrene-d10	17.086	188	4733	0.400	ng	-0.02
29) Chrysene-d12	21.277	240	4518	0.400	ng	#-0.02
35) Perylene-d12	23.519	264	3998	0.400	ng	#-0.04
System Monitoring Compounds						
4) 2-Fluorophenol	5.290	112	599	0.187	ng	-0.02
5) Phenol-d6	6.872	99	451	0.114	ng	-0.03
8) Nitrobenzene-d5	8.843	82	1279	0.345	ng	-0.03
11) 2-Methylnaphthalene-d10	12.075	152	1977	0.390	ng	-0.04
14) 2,4,6-Tribromophenol	15.833	330	503	0.512	ng	-0.02
15) 2-Fluorobiphenyl	12.958	172	4700	0.374	ng	-0.03
27) Fluoranthene-d10	19.118	212	5965	0.492	ng	-0.02
31) Terphenyl-d14	19.722	244	4416	0.408	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.218	88	7586	4.984	ng	# 93
3) n-Nitrosodimethylamine	3.535	42	511	0.166	ng	# 96
6) bis(2-Chloroethyl)ether	7.125	93	1581	0.387	ng	98
9) Naphthalene	10.530	128	3708	0.370	ng	99
10) Hexachlorobutadiene	10.818	225	581	0.247	ng	# 97
12) 2-Methylnaphthalene	12.151	142	2426	0.381	ng	99
16) Acenaphthylene	14.056	152	4270	0.418	ng	100
17) Acenaphthene	14.398	154	2708	0.405	ng	100
18) Fluorene	15.392	166	3898	0.431	ng	99
20) 4,6-Dinitro-2-methylph...	15.478	198	479	0.541	ng	# 69
21) 4-Bromophenyl-phenylether	16.280	248	1289	0.435	ng	98
22) Hexachlorobenzene	16.391	284	1368	0.382	ng	98
23) Atrazine	16.553	200	1270	0.534	ng	97
24) Pentachlorophenol	16.739	266	1413	0.865	ng	99
25) Phenanthrene	17.124	178	7035	0.495	ng	99
26) Anthracene	17.210	178	6203	0.484	ng	100
28) Fluoranthene	19.150	202	8585	0.538	ng	# 96
30) Pyrene	19.513	202	9105	0.412	ng	99
32) Benzo(a)anthracene	21.259	228	7461	0.475	ng	98
33) Chrysene	21.313	228	8472	0.494	ng	99
34) Bis(2-ethylhexyl)phtha...	21.196	149	6683	0.597	ng	# 98
36) Indeno(1,2,3-cd)pyrene	25.788	276	6976	0.483	ng	99
37) Benzo(b)fluoranthene	22.844	252	7341	0.505	ng	95
38) Benzo(k)fluoranthene	22.888	252	7418	0.486	ng	93
39) Benzo(a)pyrene	23.423	252	6357	0.519	ng	91
40) Dibenzo(a,h)anthracene	25.803	278	5192	0.462	ng	93
41) Benzo(g,h,i)perylene	26.475	276	5470	0.426	ng	98

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

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