Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032725\
Data File : BN036766.D
Acq On : 28 Mar 2025 10:22
Operator : RC/JU
Sample : Q1608-12MS
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
RE132D1-20250318MS

Manual Integrations APPROVED
Reviewed By :Anahy Claudio 03/28/2025
Supervised By :Jagrut Upadhyay 04/01/2025

Quant Time: Mar 28 10:50:15 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	1719	0.400	ng		-0.03
7) Naphthalene-d8	10.488	136	4220	0.400	ng		#-0.02
13) Acenaphthene-d10	14.334	164	2547	0.400	ng		-0.03
19) Phenanthrene-d10	17.087	188	5464	0.400	ng		-0.02
29) Chrysene-d12	21.277	240	5031	0.400	ng		#-0.02
35) Perylene-d12	23.519	264	4284	0.400	ng		#-0.03
System Monitoring Compounds							
4) 2-Fluorophenol	5.291	112	762	0.190	ng		-0.02
5) Phenol-d6	6.872	99	581	0.117	ng		-0.03
8) Nitrobenzene-d5	8.843	82	1664	0.362	ng		-0.03
11) 2-Methylnaphthalene-d10	12.075	152	2278	0.363	ng		-0.04
14) 2,4,6-Tribromophenol	15.833	330	594	0.514	ng		-0.02
15) 2-Fluorobiphenyl	12.958	172	5179	0.350	ng		-0.03
27) Fluoranthene-d10	19.118	212	6867	0.490	ng		-0.02
31) Terphenyl-d14	19.722	244	4983	0.413	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.225	88	9556	5.011	ng		95
3) n-Nitrosodimethylamine	3.536	42	664	0.172	ng	#	94
6) bis(2-Chloroethyl)ether	7.125	93	2021	0.395	ng		95
9) Naphthalene	10.530	128	4582	0.369	ng		99
10) Hexachlorobutadiene	10.819	225	725	0.248	ng	#	97
12) 2-Methylnaphthalene	12.151	142	3013	0.381	ng		99
16) Acenaphthylene	14.056	152	5131	0.427	ng		100
17) Acenaphthene	14.398	154	3283	0.417	ng		99
18) Fluorene	15.393	166	4578	0.430	ng		99
20) 4,6-Dinitro-2-methylph...	15.478	198	535	0.528	ng	#	62
21) 4-Bromophenyl-phenylether	16.280	248	1515	0.443	ng		92
22) Hexachlorobenzene	16.391	284	1585	0.384	ng		97
23) Atrazine	16.553	200	1480	0.539	ng		96
24) Pentachlorophenol	16.739	266	1640	0.870	ng		99
25) Phenanthrene	17.124	178	8119	0.495	ng		100
26) Anthracene	17.211	178	7262	0.491	ng		99
28) Fluoranthene	19.150	202	10130	0.550	ng	#	96
30) Pyrene	19.513	202	10685	0.434	ng		100
32) Benzo(a)anthracene	21.259	228	8271	0.473	ng		99
33) Chrysene	21.313	228	9301	0.487	ng		99
34) Bis(2-ethylhexyl)phtha...	21.196	149	7517	0.603	ng	#	99
36) Indeno(1,2,3-cd)pyrene	25.782	276	7387	0.478	ng		98
37) Benzo(b)fluoranthene	22.844	252	7695	0.494	ng		93
38) Benzo(k)fluoranthene	22.888	252	8394m	0.513	ng		
39) Benzo(a)pyrene	23.423	252	6740	0.513	ng	#	90
40) Dibenzo(a,h)anthracene	25.803	278	5802	0.482	ng		92
41) Benzo(g,h,i)perylene	26.475	276	5865	0.426	ng		96

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

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