Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN040725\
Data File : BN036851.D
Acq On : 07 Apr 2025 13:41
Operator : RC/JU
Sample : Q1736-02MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GST2MS

Quant Time: Apr 07 14:06:29 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 04 17:30:43 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.688	152	2354	0.400	ng	0.00
7) Naphthalene-d8	10.466	136	6078	0.400	ng	-0.01
13) Acenaphthene-d10	14.334	164	3507	0.400	ng	0.00
19) Phenanthrene-d10	17.074	188	7277	0.400	ng	# 0.00
29) Chrysene-d12	21.268	240	6717	0.400	ng	0.00
35) Perylene-d12	23.513	264	6473	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.283	112	1804	0.329	ng	0.00
5) Phenol-d6	6.865	99	2335	0.345	ng	0.00
8) Nitrobenzene-d5	8.833	82	1657	0.251	ng	-0.01
11) 2-Methylnaphthalene-d10	12.065	152	2414	0.267	ng	0.00
14) 2,4,6-Tribromophenol	15.820	330	485	0.305	ng	-0.01
15) 2-Fluorobiphenyl	12.953	172	5409	0.265	ng	0.00
27) Fluoranthene-d10	19.113	212	5797	0.311	ng	0.00
31) Terphenyl-d14	19.717	244	4144	0.258	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.218	88	804	0.308	ng	# 23
3) n-Nitrosodimethylamine	3.528	42	1855	0.351	ng	# 98
6) bis(2-Chloroethyl)ether	7.118	93	2498	0.357	ng	98
9) Naphthalene	10.519	128	6140	0.343	ng	100
10) Hexachlorobutadiene	10.808	225	1319	0.313	ng	# 100
12) 2-Methylnaphthalene	12.141	142	4012	0.353	ng	99
16) Acenaphthylene	14.045	152	5984	0.362	ng	100
17) Acenaphthene	14.388	154	3806	0.351	ng	100
18) Fluorene	15.382	166	5112	0.349	ng	97
20) 4,6-Dinitro-2-methylph...	15.467	198	495	0.412	ng	# 82
21) 4-Bromophenyl-phenylether	16.280	248	1620	0.355	ng	# 71
22) Hexachlorobenzene	16.391	284	1819	0.330	ng	98
23) Atrazine	16.553	200	1437	0.393	ng	# 92
24) Pentachlorophenol	16.739	266	1517	0.604	ng	99
25) Phenanthrene	17.111	178	8495	0.389	ng	99
26) Anthracene	17.211	178	7730	0.392	ng	99
28) Fluoranthene	19.141	202	10367	0.423	ng	98
30) Pyrene	19.508	202	11046	0.336	ng	99
32) Benzo(a)anthracene	21.259	228	9220	0.395	ng	100
33) Chrysene	21.304	228	9602	0.376	ng	99
34) Bis(2-ethylhexyl)phtha...	21.196	149	9178	0.552	ng	# 99
36) Indeno(1,2,3-cd)pyrene	25.776	276	9589	0.410	ng	98
37) Benzo(b)fluoranthene	22.841	252	9121	0.387	ng	94
38) Benzo(k)fluoranthene	22.885	252	9355	0.379	ng	94
39) Benzo(a)pyrene	23.414	252	8108	0.409	ng	91
40) Dibenzo(a,h)anthracene	25.791	278	7130	0.392	ng	91
41) Benzo(g,h,i)perylene	26.460	276	7664	0.368	ng	98

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

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