Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN040725\
Data File : BN036852.D
Acq On : 07 Apr 2025 14:18
Operator : RC/JU
Sample : Q1736-02MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GST2MSD

Quant Time: Apr 07 15:12:38 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	2270	0.400	ng	0.00
7) Naphthalene-d8	10.477	136	5950	0.400	ng	# 0.00
13) Acenaphthene-d10	14.334	164	3412	0.400	ng	0.00
19) Phenanthrene-d10	17.074	188	6916	0.400	ng	# 0.00
29) Chrysene-d12	21.268	240	6228	0.400	ng	0.00
35) Perylene-d12	23.514	264	5983	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.283	112	1938	0.366	ng	0.00
5) Phenol-d6	6.865	99	2517	0.385	ng	0.00
8) Nitrobenzene-d5	8.833	82	1777	0.275	ng	-0.01
11) 2-Methylnaphthalene-d10	12.065	152	2666	0.301	ng	0.00
14) 2,4,6-Tribromophenol	15.821	330	525	0.339	ng	-0.01
15) 2-Fluorobiphenyl	12.953	172	5255	0.265	ng	0.00
27) Fluoranthene-d10	19.113	212	5957	0.336	ng	0.00
31) Terphenyl-d14	19.717	244	4172	0.280	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.218	88	873	0.347	ng	# 33
3) n-Nitrosodimethylamine	3.528	42	2017	0.396	ng	# 99
6) bis(2-Chloroethyl)ether	7.118	93	2683	0.397	ng	99
9) Naphthalene	10.520	128	6590	0.377	ng	100
10) Hexachlorobutadiene	10.808	225	1408	0.342	ng	# 99
12) 2-Methylnaphthalene	12.141	142	4248	0.381	ng	98
16) Acenaphthylene	14.046	152	6281	0.390	ng	100
17) Acenaphthene	14.388	154	4061	0.385	ng	99
18) Fluorene	15.382	166	5318	0.373	ng	100
20) 4,6-Dinitro-2-methylph...	15.467	198	464	0.409	ng	88
21) 4-Bromophenyl-phenylether	16.280	248	1667	0.385	ng	# 73
22) Hexachlorobenzene	16.391	284	1854	0.354	ng	97
23) Atrazine	16.553	200	1515	0.436	ng	# 92
24) Pentachlorophenol	16.739	266	1377	0.577	ng	98
25) Phenanthrene	17.124	178	8707	0.420	ng	100
26) Anthracene	17.211	178	7816	0.418	ng	99
28) Fluoranthene	19.141	202	10630	0.456	ng	99
30) Pyrene	19.508	202	11422	0.375	ng	100
32) Benzo(a)anthracene	21.259	228	9428	0.435	ng	99
33) Chrysene	21.304	228	9967	0.421	ng	99
34) Bis(2-ethylhexyl)phtha...	21.196	149	9058	0.587	ng	# 99
36) Indeno(1,2,3-cd)pyrene	25.774	276	9689	0.449	ng	97
37) Benzo(b)fluoranthene	22.838	252	9273	0.426	ng	95
38) Benzo(k)fluoranthene	22.885	252	9448	0.414	ng	94
39) Benzo(a)pyrene	23.414	252	8394	0.458	ng	# 90
40) Dibenzo(a,h)anthracene	25.791	278	7268	0.432	ng	91
41) Benzo(g,h,i)perylene	26.466	276	7744	0.403	ng	98

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

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