Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN022025\
Data File : BN036478.D
Acq On : 20 Feb 2025 13:12
Operator : RC/JU
Sample : Q1380-11MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BP-VPB-192-GW-780-782MSD

Quant Time: Feb 21 00:10:48 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN021025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 11 01:17:14 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.746	152	1787	0.400	ng	0.00
7) Naphthalene-d8	10.530	136	4250	0.400	ng	-0.01
13) Acenaphthene-d10	14.387	164	2636	0.400	ng	0.00
19) Phenanthrene-d10	17.124	188	5810	0.400	ng	#-0.01
29) Chrysene-d12	21.313	240	5865	0.400	ng	0.00
35) Perylene-d12	23.584	264	5479	0.400	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.341	112	1045	0.247	ng	0.00
5) Phenol-d6	6.923	99	1140	0.230	ng	-0.01
8) Nitrobenzene-d5	8.897	82	1342	0.320	ng	-0.01
11) 2-Methylnaphthalene-d10	12.126	152	2100	0.321	ng	-0.02
14) 2,4,6-Tribromophenol	15.882	330	527	0.403	ng	0.00
15) 2-Fluorobiphenyl	13.008	172	4503	0.454	ng	-0.01
27) Fluoranthene-d10	19.164	212	7507	0.465	ng	0.00
31) Terphenyl-d14	19.763	244	6922	0.553	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.261	88	542	0.277	ng	# 40
3) n-Nitrosodimethylamine	3.572	42	979	0.288	ng	# 97
6) bis(2-Chloroethyl)ether	7.168	93	1774	0.342	ng	99
9) Naphthalene	10.583	128	4190	0.342	ng	99
10) Hexachlorobutadiene	10.872	225	844	0.283	ng	# 99
12) 2-Methylnaphthalene	12.202	142	2829	0.352	ng	99
16) Acenaphthylene	14.099	152	4650	0.399	ng	99
17) Acenaphthene	14.441	154	3020	0.388	ng	98
18) Fluorene	15.435	166	4515	0.408	ng	95
20) 4,6-Dinitro-2-methylph...	15.510	198	396	0.347	ng	97
21) 4-Bromophenyl-phenylether	16.329	248	1544	0.446	ng	# 75
22) Hexachlorobenzene	16.441	284	1773	0.414	ng	97
23) Atrazine	16.602	200	1299	0.449	ng	96
24) Pentachlorophenol	16.788	266	1498	0.737	ng	99
25) Phenanthrene	17.173	178	8339	0.497	ng	100
26) Anthracene	17.260	178	7296	0.493	ng	99
28) Fluoranthene	19.192	202	10396	0.504	ng	98
30) Pyrene	19.554	202	10879	0.482	ng	99
32) Benzo(a)anthracene	21.304	228	9605	0.498	ng	99
33) Chrysene	21.348	228	10250	0.491	ng	99
34) Bis(2-ethylhexyl)phtha...	21.232	149	5656	0.470	ng	100
36) Indeno(1,2,3-cd)pyrene	25.884	276	8831	0.461	ng	97
37) Benzo(b)fluoranthene	22.902	252	9474	0.525	ng	99
38) Benzo(k)fluoranthene	22.946	252	9481	0.510	ng	99
39) Benzo(a)pyrene	23.487	252	7896	0.501	ng	98
40) Dibenzo(a,h)anthracene	25.902	278	6691	0.443	ng	99
41) Benzo(g,h,i)perylene	26.586	276	6735	0.393	ng	98

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

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