Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN022025\
Data File : BN036477.D
Acq On : 20 Feb 2025 12:36
Operator : RC/JU
Sample : Q1380-10MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

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

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 02/21/2025
Supervised By :Jagrut Upadhyay 02/21/2025

Quant Time: Feb 21 00:10:19 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	1709	0.400	ng	0.00
7) Naphthalene-d8	10.541	136	3995	0.400	ng	# 0.00
13) Acenaphthene-d10	14.387	164	2495	0.400	ng	0.00
19) Phenanthrene-d10	17.124	188	5565	0.400	ng	#-0.01
29) Chrysene-d12	21.313	240	5523	0.400	ng	0.00
35) Perylene-d12	23.586	264	5300	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.341	112	974	0.241	ng	0.00
5) Phenol-d6	6.923	99	1025	0.216	ng	-0.01
8) Nitrobenzene-d5	8.897	82	1261	0.320	ng	-0.01
11) 2-Methylnaphthalene-d10	12.126	152	1968	0.321	ng	-0.02
14) 2,4,6-Tribromophenol	15.882	330	500	0.404	ng	0.00
15) 2-Fluorobiphenyl	13.008	172	4139	0.441	ng	-0.01
27) Fluoranthene-d10	19.160	212	6898	0.446	ng	0.00
31) Terphenyl-d14	19.763	244	6357	0.539	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.261	88	493	0.264	ng	# 50
3) n-Nitrosodimethylamine	3.572	42	905	0.279	ng	# 93
6) bis(2-Chloroethyl)ether	7.168	93	1675	0.338	ng	98
9) Naphthalene	10.583	128	3881	0.337	ng	98
10) Hexachlorobutadiene	10.872	225	805	0.287	ng	# 98
12) 2-Methylnaphthalene	12.202	142	2609	0.345	ng	97
16) Acenaphthylene	14.099	152	4341	0.394	ng	99
17) Acenaphthene	14.441	154	2787	0.379	ng	98
18) Fluorene	15.435	166	4131	0.394	ng	97
20) 4,6-Dinitro-2-methylph...	15.522	198	376	0.344	ng	# 81
21) 4-Bromophenyl-phenylether	16.329	248	1426	0.430	ng	# 74
22) Hexachlorobenzene	16.441	284	1658	0.404	ng	99
23) Atrazine	16.590	200	1195	0.431	ng	# 92
24) Pentachlorophenol	16.788	266	1439	0.739	ng	97
25) Phenanthrene	17.173	178	7646	0.475	ng	99
26) Anthracene	17.260	178	6840	0.482	ng	99
28) Fluoranthene	19.192	202	9601	0.486	ng	98
30) Pyrene	19.554	202	10137	0.477	ng	100
32) Benzo(a)anthracene	21.304	228	8882	0.489	ng	99
33) Chrysene	21.348	228	9509	0.483	ng	99
34) Bis(2-ethylhexyl)phtha...	21.232	149	5246	0.463	ng	99
36) Indeno(1,2,3-cd)pyrene	25.884	276	8360	0.451	ng	97
37) Benzo(b)fluoranthene	22.899	252	8647	0.495	ng	99
38) Benzo(k)fluoranthene	22.946	252	8912m	0.496	ng	
39) Benzo(a)pyrene	23.484	252	7527	0.494	ng	97
40) Dibenzo(a,h)anthracene	25.899	278	6349	0.434	ng	99
41) Benzo(g,h,i)perylene	26.586	276	6415	0.387	ng	97

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

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