Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062822\
Data File : BN020557.D
Acq On : 29 Jun 2022 07:00
Operator : CG/JU
Sample : PB145795BS
Misc :
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Jun 29 07:37:49 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN062622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 27 02:03:21 2022
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
PB145795BS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 06/29/2022
Supervised By :Jagrut Upadhyay 06/30/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.739	152	3250	0.400	ng		0.00
7) Naphthalene-d8	10.519	136	10271	0.400	ng		# 0.00
13) Acenaphthene-d10	14.367	164	5998	0.400	ng		0.00
19) Phenanthrene-d10	17.102	188	12761	0.400	ng		#-0.01
29) Chrysene-d12	21.297	240	10660	0.400	ng		0.00
35) Perylene-d12	23.583	264	8526	0.400	ng		-0.02
System Monitoring Compounds							
4) 2-Fluorophenol	5.341	112	3154	0.350	ng		0.00
5) Phenol-d6	6.937	99	3757	0.349	ng		0.00
8) Nitrobenzene-d5	8.897	82	2815	0.338	ng		0.00
11) 2-Methylnaphthalene-d10	12.113	152	6435	0.366	ng		0.00
14) 2,4,6-Tribromophenol	15.861	330	721	0.319	ng		0.00
15) 2-Fluorobiphenyl	12.988	172	9442	0.381	ng		-0.01
27) Fluoranthene-d10	19.143	212	13309	0.351	ng		0.00
31) Terphenyl-d14	19.746	244	9471	0.372	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.225	88	1555	0.365	ng		97
3) n-Nitrosodimethylamine	3.564	42	1207	0.311	ng	#	91
6) bis(2-Chloroethyl)ether	7.168	93	3380	0.364	ng		98
9) Naphthalene	10.562	128	11659	0.380	ng		98
10) Hexachlorobutadiene	10.861	225	2084	0.373	ng	#	100
12) 2-Methylnaphthalene	12.189	142	7605	0.373	ng		98
16) Acenaphthylene	14.078	152	10108	0.351	ng		99
17) Acenaphthene	14.420	154	7281	0.371	ng		95
18) Fluorene	15.415	166	9386	0.367	ng		100
20) 4,6-Dinitro-2-methylph...	15.521	198	362	0.370	ng	#	57
21) 4-Bromophenyl-phenylether	16.302	248	2692	0.363	ng		97
22) Hexachlorobenzene	16.425	284	3136	0.382	ng		100
23) Atrazine	16.579	200	1701	0.291	ng		97
24) Pentachlorophenol	16.774	266	628	0.422	ng		97
25) Phenanthrene	17.143	178	15224	0.354	ng		100
26) Anthracene	17.246	178	12266	0.331	ng		100
28) Fluoranthene	19.173	202	16634	0.354	ng		100
30) Pyrene	19.535	202	17010	0.377	ng		100
32) Benzo(a)anthracene	21.288	228	12902	0.339	ng		99
33) Chrysene	21.333	228	15318	0.363	ng		98
34) Bis(2-ethylhexyl)phtha...	21.216	149	6221	0.290	ng		98
36) Indeno(1,2,3-cd)pyrene	25.910	276	12544	0.330	ng		99
37) Benzo(b)fluoranthene	22.893	252	12947m	0.394	ng		
38) Benzo(k)fluoranthene	22.937	252	13099	0.375	ng		97
39) Benzo(a)pyrene	23.480	252	10702	0.376	ng	#	84
40) Dibenzo(a,h)anthracene	25.925	278	9681	0.318	ng		98
41) Benzo(g,h,i)perylene	26.626	276	10857	0.326	ng		99

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

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