Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030624\
Data File : BN030320.D
Acq On : 07 Mar 2024 09:25
Operator : MA/JU
Sample : PB159350BS
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB159350BS

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 03/07/2024
Supervised By :mohammad ahmed 03/08/2024

Quant Time: Mar 07 09:53:34 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN030524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 05 17:44:16 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.804	152	2377	0.400	ng	0.00
7) Naphthalene-d8	10.594	136	6340	0.400	ng	#-0.01
13) Acenaphthene-d10	14.457	164	3125	0.400	ng	0.00
19) Phenanthrene-d10	17.218	188	5788	0.400	ng	# 0.00
29) Chrysene-d12	21.438	240	4250	0.400	ng	0.00
35) Perylene-d12	23.794	264	5004	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.384	112	2134	0.342	ng	0.00
5) Phenol-d6	6.973	99	2274	0.346	ng	0.00
8) Nitrobenzene-d5	8.971	82	1698	0.293	ng	0.00
11) 2-Methylnaphthalene-d10	12.193	152	3936	0.428	ng	-0.01
14) 2,4,6-Tribromophenol	15.964	330	483	0.301	ng	0.00
15) 2-Fluorobiphenyl	13.078	172	4412	0.340	ng	-0.01
27) Fluoranthene-d10	19.262	212	4362	0.275	ng	0.00
31) Terphenyl-d14	19.875	244	3557	0.323	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.319	88	922	0.299	ng	# 60
3) n-Nitrosodimethylamine	3.644	42	780	0.240	ng	# 92
6) bis(2-Chloroethyl)ether	7.248	93	1601	0.308	ng	98
9) Naphthalene	10.648	128	5283	0.298	ng	99
10) Hexachlorobutadiene	10.925	225	1215	0.301	ng	# 99
12) 2-Methylnaphthalene	12.272	142	3254	0.298	ng	98
16) Acenaphthylene	14.169	152	4719	0.313	ng	100
17) Acenaphthene	14.522	154	2839	0.292	ng	99
18) Fluorene	15.505	166	3335	0.285	ng	98
20) 4,6-Dinitro-2-methylph...	15.617	198	298	0.248	ng	93
21) 4-Bromophenyl-phenylether	16.411	248	1061	0.300	ng	86
22) Hexachlorobenzene	16.511	284	1265	0.309	ng	97
23) Atrazine	16.697	200	891	0.284	ng	# 93
24) Pentachlorophenol	16.871	266	506	0.237	ng	98
25) Phenanthrene	17.255	178	5234	0.316	ng	97
26) Anthracene	17.355	178	4613	0.303	ng	98
28) Fluoranthene	19.289	202	5243	0.260	ng	98
30) Pyrene	19.656	202	5606	0.314	ng	99
32) Benzo(a)anthracene	21.420	228	4367	0.293	ng	99
33) Chrysene	21.474	228	4976	0.309	ng	98
34) Bis(2-ethylhexyl)phtha...	21.375	149	3229	0.272	ng	# 99
36) Indeno(1,2,3-cd)pyrene	26.218	276	6601	0.315	ng	# 87
37) Benzo(b)fluoranthene	23.081	252	4874	0.279	ng	98
38) Benzo(k)fluoranthene	23.130	252	4988	0.281	ng	96
39) Benzo(a)pyrene	23.689	252	4748	0.307	ng	98
40) Dibenzo(a,h)anthracene	26.250	278	5364m	0.326	ng	
41) Benzo(g,h,i)perylene	26.963	276	5908	0.311	ng	99

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

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