Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN040323\
Data File : BN024732.D
Acq On : 03 Apr 2023 16:43
Operator : CG/JU
Sample : PB151661BS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Apr 04 03:56:09 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN040323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 04 03:11:39 2023
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
PB151661BS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 04/04/2023
Supervised By :Jagrut Upadhyay 04/04/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.997	152	8611	0.400	ng	0.00
7) Naphthalene-d8	10.813	136	24342	0.400	ng	# 0.01
13) Acenaphthene-d10	14.632	164	12829	0.400	ng	0.00
19) Phenanthrene-d10	17.375	188	26406	0.400	ng	0.00
29) Chrysene-d12	21.565	240	17219	0.400	ng	# 0.00
35) Perylene-d12	24.053	264	13163	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.541	112	8003	0.409	ng	0.00
5) Phenol-d6	7.152	99	10345	0.420	ng	0.00
8) Nitrobenzene-d5	9.158	82	8035	0.423	ng	0.00
11) 2-Methylnaphthalene-d10	12.391	152	12777	0.409	ng	0.00
14) 2,4,6-Tribromophenol	16.122	330	2081	0.377	ng	0.00
15) 2-Fluorobiphenyl	13.253	172	21124	0.422	ng	0.00
27) Fluoranthene-d10	19.408	212	22096	0.395	ng	0.00
31) Terphenyl-d14	19.998	244	20595	0.414	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.403	88	3756	0.422	ng	99
3) n-Nitrosodimethylamine	3.735	42	6341	0.425	ng	98
6) bis(2-Chloroethyl)ether	7.412	93	9952	0.411	ng	99
9) Naphthalene	10.855	128	26169	0.416	ng	100
10) Hexachlorobutadiene	11.144	225	5322	0.425	ng	# 100
12) 2-Methylnaphthalene	12.463	142	17283	0.409	ng	99
16) Acenaphthylene	14.355	152	20810	0.389	ng	100
17) Acenaphthene	14.697	154	15221m	0.410	ng	
18) Fluorene	15.680	166	20866	0.411	ng	100
20) 4,6-Dinitro-2-methylph...	15.762	198	663	0.431	ng	86
21) 4-Bromophenyl-phenylether	16.569	248	6333	0.400	ng	95
22) Hexachlorobenzene	16.680	284	7752	0.416	ng	100
23) Atrazine	16.829	200	3699	0.384	ng	98
24) Pentachlorophenol	17.028	266	2057	0.313	ng	98
25) Phenanthrene	17.413	178	30608	0.401	ng	100
26) Anthracene	17.512	178	25492	0.386	ng	99
28) Fluoranthene	19.438	202	31786	0.392	ng	100
30) Pyrene	19.800	202	31646	0.437	ng	100
32) Benzo(a)anthracene	21.556	228	23203	0.420	ng	99
33) Chrysene	21.610	228	26044	0.427	ng	99
34) Bis(2-ethylhexyl)phtha...	21.466	149	10689	0.432	ng	99
36) Indeno(1,2,3-cd)pyrene	26.640	276	20695	0.414	ng	100
37) Benzo(b)fluoranthene	23.290	252	21831	0.408	ng	97
38) Benzo(k)fluoranthene	23.345	252	21706m	0.407	ng	
39) Benzo(a)pyrene	23.939	252	18991	0.418	ng	96
40) Dibenzo(a,h)anthracene	26.667	278	16187	0.411	ng	98
41) Benzo(g,h,i)perylene	27.444	276	18045	0.392	ng	99

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

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