Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052623\
Data File : BN025685.D
Acq On : 28 May 2023 17:26
Operator : CG/JU
Sample : PB153027BS
Misc :
ALS Vial : 83 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB153027BS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 05/30/2023
Supervised By :Yogesh Patel 05/31/2023

Quant Time: May 29 01:40:09 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN052623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 29 00:47:45 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.020	152	5827	0.400	ng		0.00
7) Naphthalene-d8	10.835	136	15695	0.400	ng	#	0.00
13) Acenaphthene-d10	14.651	164	8318	0.400	ng		0.00
19) Phenanthrene-d10	17.393	188	15961	0.400	ng	#	0.00
29) Chrysene-d12	21.578	240	8869	0.400	ng		0.00
35) Perylene-d12	24.069	264	8759	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.557	112	6125	0.410	ng		0.00
5) Phenol-d6	7.167	99	7232	0.404	ng		0.00
8) Nitrobenzene-d5	9.180	82	5240	0.399	ng		-0.01
11) 2-Methylnaphthalene-d10	12.419	152	8983	0.401	ng		0.00
14) 2,4,6-Tribromophenol	16.152	330	746	0.444	ng		0.00
15) 2-Fluorobiphenyl	13.283	172	14298	0.416	ng		0.00
27) Fluoranthene-d10	19.421	212	13440	0.372	ng		0.00
31) Terphenyl-d14	20.016	244	8114	0.418	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.397	88	3014	0.447	ng		99
3) n-Nitrosodimethylamine	3.744	42	2453	0.338	ng	#	93
6) bis(2-Chloroethyl)ether	7.435	93	7527	0.408	ng		97
9) Naphthalene	10.889	128	17997	0.419	ng		100
10) Hexachlorobutadiene	11.166	225	3124	0.420	ng	#	96
12) 2-Methylnaphthalene	12.491	142	11845	0.401	ng		99
16) Acenaphthylene	14.373	152	15684	0.399	ng		99
17) Acenaphthene	14.716	154	10634	0.411	ng		99
18) Fluorene	15.693	166	13609	0.398	ng		99
20) 4,6-Dinitro-2-methylph...	15.780	198	884	0.510	ng	#	80
21) 4-Bromophenyl-phenylether	16.587	248	3760	0.415	ng	#	85
22) Hexachlorobenzene	16.698	284	3433	0.415	ng		98
23) Atrazine	16.847	200	2738	0.379	ng	#	93
24) Pentachlorophenol	17.071	266	390	0.702	ng	#	84
25) Phenanthrene	17.431	178	19979	0.411	ng		99
26) Anthracene	17.530	178	17188	0.391	ng		99
28) Fluoranthene	19.454	202	19797	0.374	ng		100
30) Pyrene	19.816	202	19838	0.460	ng		99
32) Benzo(a)anthracene	21.560	228	13062	0.395	ng		99
33) Chrysene	21.614	228	15432	0.431	ng		99
34) Bis(2-ethylhexyl)phtha...	21.471	149	8425	0.419	ng		100
36) Indeno(1,2,3-cd)pyrene	26.674	276	16219	0.483	ng	#	61
37) Benzo(b)fluoranthene	23.306	252	13403	0.402	ng		99
38) Benzo(k)fluoranthene	23.356	252	14918m	0.430	ng		
39) Benzo(a)pyrene	23.961	252	13518	0.424	ng		96
40) Dibenzo(a,h)anthracene	26.706	278	12495	0.470	ng		98
41) Benzo(g,h,i)perylene	27.463	276	14930	0.492	ng		98

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

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