Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN040323\
Data File : BN024746.D
Acq On : 04 Apr 2023 02:29
Operator : CG/JU
Sample : 02101-04MSD
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GWCB-05-85-90-032423MSD

Manual Integrations APPROVED

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

Quant Time: Apr 04 03:59:49 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

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.997	152	8934	0.400	ng		0.00
7) Naphthalene-d8	10.802	136	25521	0.400	ng		0.00
13) Acenaphthene-d10	14.633	164	13140	0.400	ng		0.00
19) Phenanthrene-d10	17.376	188	27951	0.400	ng		0.00
29) Chrysene-d12	21.556	240	20847	0.400	ng		0.00
35) Perylene-d12	24.035	264	16358	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.548	112	4070	0.200	ng		0.00
5) Phenol-d6	7.152	99	3477	0.136	ng		0.00
8) Nitrobenzene-d5	9.158	82	7336	0.368	ng		0.00
11) 2-Methylnaphthalene-d10	12.388	152	14077m	0.430	ng		0.00
14) 2,4,6-Tribromophenol	16.122	330	2508	0.443	ng		0.00
15) 2-Fluorobiphenyl	13.253	172	19775	0.386	ng		0.00
27) Fluoranthene-d10	19.404	212	27596	0.466	ng		0.00
31) Terphenyl-d14	19.994	244	29619	0.492	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.403	88	2247	0.244	ng	#	69
3) n-Nitrosodimethylamine	3.735	42	3015	0.195	ng		98
6) bis(2-Chloroethyl)ether	7.412	93	9572	0.381	ng		98
9) Naphthalene	10.855	128	25073	0.380	ng		100
10) Hexachlorobutadiene	11.144	225	4556	0.347	ng	#	100
12) 2-Methylnaphthalene	12.459	142	16246	0.367	ng		99
16) Acenaphthylene	14.344	152	20207	0.369	ng		99
17) Acenaphthene	14.686	154	15174m	0.399	ng		
18) Fluorene	15.670	166	20990	0.403	ng		99
20) 4,6-Dinitro-2-methylph...	15.750	198	1158	0.546	ng	#	72
21) 4-Bromophenyl-phenylether	16.556	248	6594	0.394	ng	#	70
22) Hexachlorobenzene	16.680	284	7787	0.395	ng		98
23) Atrazine	16.829	200	2633	0.258	ng		97
24) Pentachlorophenol	17.028	266	6633	0.953	ng		99
25) Phenanthrene	17.413	178	37352	0.463	ng		100
26) Anthracene	17.512	178	27539	0.394	ng		99
28) Fluoranthene	19.433	202	40455	0.471	ng		98
30) Pyrene	19.796	202	40420	0.461	ng		100
32) Benzo(a)anthracene	21.538	228	30054	0.450	ng		100
33) Chrysene	21.592	228	31883	0.432	ng		99
34) Bis(2-ethylhexyl)phtha...	21.458	149	30148	1.007	ng		99
36) Indeno(1,2,3-cd)pyrene	26.626	276	22013	0.355	ng		99
37) Benzo(b)fluoranthene	23.275	252	26898	0.405	ng		99
38) Benzo(k)fluoranthene	23.328	252	25249	0.381	ng		98
39) Benzo(a)pyrene	23.927	252	18872	0.334	ng		97
40) Dibenzo(a,h)anthracene	26.643	278	17293	0.354	ng		98
41) Benzo(g,h,i)perylene	27.427	276	18871	0.330	ng		99

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

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