Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080923\
Data File : BN026851.D
Acq On : 08 Aug 2023 18:04
Operator : MA/JU
Sample : 03815-04MS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BUILDING-B-21-(0-5)MS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/09/2023
Supervised By :mohammad ahmed 08/09/2023

Quant Time: Aug 09 01:11:33 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 09 01:06:23 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.109	152	9897	0.400	ng		0.00
7) Naphthalene-d8	10.938	136	28779	0.400	ng	#	0.00
13) Acenaphthene-d10	14.737	164	15713	0.400	ng		0.00
19) Phenanthrene-d10	17.480	188	36197	0.400	ng		0.00
29) Chrysene-d12	21.659	240	24434	0.400	ng		0.00
35) Perylene-d12	24.212	264	22169	0.400	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.618	112	116479	4.647	ng		0.00
5) Phenol-d6	7.236	99	144174	4.442	ng		0.00
8) Nitrobenzene-d5	9.294	82	54832	3.218	ng		0.00
11) 2-Methylnaphthalene-d10	12.510	152	16114m	0.391	ng		0.00
14) 2,4,6-Tribromophenol	16.226	330	27935	5.222	ng		0.00
15) 2-Fluorobiphenyl	13.368	172	167553	2.612	ng		0.00
27) Fluoranthene-d10	19.500	212	25079	0.289	ng		0.00
31) Terphenyl-d14	20.090	244	185834	3.648	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.480	88	3537	0.306	ng	#	82
3) n-Nitrosodimethylamine	3.819	42	4161	0.323	ng		87
6) bis(2-Chloroethyl)ether	7.532	93	10270	0.351	ng		99
9) Naphthalene	10.992	128	42961	0.543	ng		99
10) Hexachlorobutadiene	11.226	225	5400	0.376	ng	#	99
12) 2-Methylnaphthalene	12.581	142	22916	0.424	ng		100
16) Acenaphthylene	14.459	152	46111	0.594	ng		100
17) Acenaphthene	14.801	154	17839	0.366	ng		98
18) Fluorene	15.780	166	28151	0.444	ng		98
20) 4,6-Dinitro-2-methylph...	16.934	198	216	0.369	ng		88
21) 4-Bromophenyl-phenylether	16.673	248	7851	0.359	ng		97
22) Hexachlorobenzene	16.748	284	8555	0.342	ng		99
23) Atrazine	16.934	200	5715	0.395	ng		99
24) Pentachlorophenol	17.108	266	328	0.051	ng		96
25) Phenanthrene	17.517	178	100798	0.917	ng		99
26) Anthracene	17.617	178	52713	0.537	ng	#	96
28) Fluoranthene	19.532	202	135775	1.109	ng		99
30) Pyrene	19.895	202	168588	1.597	ng		99
32) Benzo(a)anthracene	21.641	228	95090	1.133	ng		97
33) Chrysene	21.695	228	86070	0.928	ng		98
34) Bis(2-ethylhexyl)phtha...	21.533	149	27031	0.972	ng		99
36) Indeno(1,2,3-cd)pyrene	26.913	276	57387	0.634	ng		95
37) Benzo(b)fluoranthene	23.420	252	84319	0.967	ng		99
38) Benzo(k)fluoranthene	23.472	252	55139m	0.615	ng		
39) Benzo(a)pyrene	24.098	252	72336	0.909	ng		98
40) Dibenzo(a,h)anthracene	26.946	278	29705	0.423	ng		97
41) Benzo(g,h,i)perylene	27.753	276	55351	0.665	ng		100

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

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