Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080923\
Data File : BN026852.D
Acq On : 08 Aug 2023 18:41
Operator : MA/JU
Sample : 03815-04MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

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

Manual Integrations APPROVED

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

Quant Time: Aug 09 01:11:50 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	10696	0.400	ng	0.00
7) Naphthalene-d8	10.938	136	32812	0.400	ng	# 0.00
13) Acenaphthene-d10	14.737	164	17863	0.400	ng	0.00
19) Phenanthrene-d10	17.480	188	39799	0.400	ng	0.00
29) Chrysene-d12	21.659	240	23064	0.400	ng	0.00
35) Perylene-d12	24.209	264	19867	0.400	ng	#-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.618	112	128154	4.731	ng	0.00
5) Phenol-d6	7.235	99	162250	4.626	ng	0.00
8) Nitrobenzene-d5	9.294	82	62870	3.236	ng	0.00
11) 2-Methylnaphthalene-d10	12.510	152	18134m	0.385	ng	0.00
14) 2,4,6-Tribromophenol	16.214	330	31881	5.243	ng	-0.01
15) 2-Fluorobiphenyl	13.368	172	189308	2.596	ng	0.00
27) Fluoranthene-d10	19.500	212	26083	0.273	ng	0.00
31) Terphenyl-d14	20.090	244	190272	3.956	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.487	88	3803	0.305	ng	# 87
3) n-Nitrosodimethylamine	3.819	42	4435	0.318	ng	84
6) bis(2-Chloroethyl)ether	7.532	93	11011	0.348	ng	98
9) Naphthalene	10.991	128	48529	0.538	ng	99
10) Hexachlorobutadiene	11.226	225	6022	0.368	ng	# 99
12) 2-Methylnaphthalene	12.581	142	25682	0.417	ng	99
16) Acenaphthylene	14.459	152	49303	0.558	ng	100
17) Acenaphthene	14.801	154	20431	0.369	ng	98
18) Fluorene	15.779	166	31763	0.440	ng	98
20) 4,6-Dinitro-2-methylph...	16.934	198	212	0.329	ng	# 84
21) 4-Bromophenyl-phenylether	16.673	248	8755	0.364	ng	98
22) Hexachlorobenzene	16.748	284	9640	0.351	ng	98
23) Atrazine	16.934	200	6297	0.396	ng	99
24) Pentachlorophenol	17.108	266	395	0.056	ng	93
25) Phenanthrene	17.517	178	111849	0.925	ng	100
26) Anthracene	17.616	178	57481	0.532	ng	# 96
28) Fluoranthene	19.532	202	143200	1.064	ng	99
30) Pyrene	19.895	202	175602	1.762	ng	99
32) Benzo(a)anthracene	21.641	228	90448	1.142	ng	97
33) Chrysene	21.694	228	80150	0.915	ng	99
34) Bis(2-ethylhexyl)phtha...	21.533	149	26761	1.020	ng	98
36) Indeno(1,2,3-cd)pyrene	26.910	276	54009	0.666	ng	95
37) Benzo(b)fluoranthene	23.420	252	74083	0.948	ng	99
38) Benzo(k)fluoranthene	23.469	252	50540m	0.629	ng	
39) Benzo(a)pyrene	24.095	252	65596	0.920	ng	98
40) Dibenzo(a,h)anthracene	26.943	278	27804	0.442	ng	98
41) Benzo(g,h,i)perylene	27.750	276	52427	0.703	ng	99

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

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