Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102423\
Data File : BN028379.D
Acq On : 24 Oct 2023 15:36
Operator : MA/JU
Sample : 04938-17
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
0-2(0-10)

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 10/25/2023
Supervised By :mohammad ahmed 10/25/2023

Quant Time: Oct 25 01:05:36 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN101223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 23 15:14:08 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.871	152	4801	0.400	ng	# 0.00
7) Naphthalene-d8	10.682	136	15196	0.400	ng	#-0.02
13) Acenaphthene-d10	14.523	164	11392	0.400	ng	-0.01
19) Phenanthrene-d10	17.281	188	13486	0.400	ng	#-0.01
29) Chrysene-d12	21.480	240	11847	0.400	ng	# 0.00
35) Perylene-d12	23.928	264	13605	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.415	112	3232	0.217	ng	-0.01
5) Phenol-d6	7.048	99	4237	0.231	ng	0.00
8) Nitrobenzene-d5	9.080	82	3793	0.281	ng	-0.02
11) 2-Methylnaphthalene-d10	12.275	152	5373	0.235	ng	-0.02
14) 2,4,6-Tribromophenol	16.028	330	728	0.131	ng	-0.04
15) 2-Fluorobiphenyl	13.144	172	7633	0.190	ng	-0.02
27) Fluoranthene-d10	19.323	212	6466	0.179	ng	0.00
31) Terphenyl-d14	19.909	244	6761	0.269	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.299	88	400	0.069	ng	# 44
3) n-Nitrosodimethylamine	3.660	42	463	0.073	ng	# 92
6) bis(2-Chloroethyl)ether	7.315	93	1370	0.097	ng	# 40
9) Naphthalene	10.735	128	2049163	51.987	ng	97
10) Hexachlorobutadiene	10.959	225	524	0.077	ng	# 99
12) 2-Methylnaphthalene	12.351	142	1127630	40.258	ng	99
16) Acenaphthylene	14.256	152	287210	5.611	ng	# 91
17) Acenaphthene	14.587	154	133266	4.132	ng	91
18) Fluorene	15.568	166	272690	6.422	ng	# 97
25) Phenanthrene	17.331	178	1048090	28.392	ng	99
26) Anthracene	17.418	178	251126	7.123	ng	# 96
28) Fluoranthene	19.356	202	611565	13.187	ng	99
30) Pyrene	19.723	202	743446	18.339	ng	99
32) Benzo(a)anthracene	21.462	228	329912	7.839	ng	98
33) Chrysene	21.515	228	317279	7.877	ng	97
34) Bis(2-ethylhexyl)phtha...	21.336	149	7342	0.228	ng	# 99
36) Indeno(1,2,3-cd)pyrene	26.489	276	233810	4.263	ng	96
37) Benzo(b)fluoranthene	23.174	252	383034	9.007	ng	# 90
38) Benzo(k)fluoranthene	23.218	252	130584m	3.019	ng	
39) Benzo(a)pyrene	23.817	252	310241m	7.334	ng	
40) Dibenzo(a,h)anthracene	26.498	278	62401	1.401	ng	97
41) Benzo(g,h,i)perylene	27.293	276	293474	6.383	ng	95

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

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Manual Integrations APPROVED

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