Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041223\
Data File : BM039408.D
Acq On : 12 Apr 2023 18:01
Operator : CG/JU
Sample : 02268-01RE
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
50002-TOTERE

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 04/13/2023
Supervised By :Jagrut Upadhyay 04/13/2023

Quant Time: Apr 13 01:49:15 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM032923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 11 16:05:42 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.857	152	248209	20.000	ng		0.00
21) Naphthalene-d8	10.669	136	1009023	20.000	ng	#	0.00
39) Acenaphthene-d10	14.516	164	576555	20.000	ng		0.00
64) Phenanthrene-d10	17.268	188	1050774	20.000	ng		0.00
76) Chrysene-d12	21.462	240	801012	20.000	ng	#	0.00
86) Perylene-d12	23.856	264	1009830	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.446	112	124883	7.580	ng		0.02
7) Phenol-d6	7.069	99	130609	6.129	ng		0.04
23) Nitrobenzene-d5	9.034	82	160326	7.723	ng		0.00
42) 2,4,6-Tribromophenol	16.016	330	67455	9.217	ng		0.00
45) 2-Fluorobiphenyl	13.133	172	228436	5.368	ng		0.00
79) Terphenyl-d14	19.904	244	229358	5.290	ng		0.00
Target Compounds							Qvalue
10) Phenol	7.099	94	205148	9.607	ng		99
31) Naphthalene	10.722	128	420560	7.735	ng	#	96
37) 2-Methylnaphthalene	12.333	142	408532	10.794	ng		98
38) 1-Methylnaphthalene	12.551	142	321879m	9.082	ng		
49) Acenaphthylene	14.239	152	383427	6.767	ng	#	94
52) Acenaphthene	14.580	154	272944	8.158	ng		97
55) Dibenzofuran	14.916	168	342585	6.360	ng	#	90
58) Fluorene	15.563	166	597025	13.998	ng		98
71) Phenanthrene	17.310	178	3413822	59.320	ng		99
72) Anthracene	17.398	178	1045955	17.824	ng		98
73) Carbazole	17.680	167	293765	5.357	ng	#	90
75) Fluoranthene	19.339	202	3742334	57.046	ng		96
78) Pyrene	19.704	202	3641496	63.860	ng	#	90
81) Benzo(a)anthracene	21.451	228	1557781m	27.575	ng		
83) Chrysene	21.503	228	1532825m	28.107	ng		
87) Indeno(1,2,3-cd)pyrene	26.333	276	966053	12.984	ng		96
88) Benzo(b)fluoranthene	23.133	252	1915388	30.999	ng	#	95
89) Benzo(k)fluoranthene	23.174	252	675424m	10.731	ng		
90) Benzo(a)pyrene	23.750	252	1582059	26.064	ng	#	96
91) Dibenzo(a,h)anthracene	26.344	278	258501	4.138	ng	#	79
92) Benzo(g,h,i)perylene	27.097	276	971895	15.818	ng		98

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

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