Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032723\
Data File : BM039168.D
Acq On : 27 Mar 2023 19:54
Operator : CG/JU
Sample : 01998-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BROAD-CHANNEL-SUBSTATION-TP2

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 03/28/2023
Supervised By :Jagrut Upadhyay 03/28/2023

Quant Time: Mar 28 01:52:22 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM030823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 28 01:46:09 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.945	152	269473	20.000	ng		0.00
21) Naphthalene-d8	10.757	136	1077526	20.000	ng		0.00
39) Acenaphthene-d10	14.586	164	617932	20.000	ng		0.00
64) Phenanthrene-d10	17.333	188	1273672	20.000	ng		0.00
76) Chrysene-d12	21.521	240	1170599	20.000	ng		0.00
86) Perylene-d12	23.950	264	1367517	20.000	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.504	112	1777534	100.217	ng		0.00
7) Phenol-d6	7.116	99	2244655	97.431	ng		0.00
23) Nitrobenzene-d5	9.116	82	1346337	61.375	ng		0.00
42) 2,4,6-Tribromophenol	16.080	330	718722	100.542	ng		0.00
45) 2-Fluorobiphenyl	13.216	172	2630289	55.412	ng		0.00
79) Terphenyl-d14	19.956	244	3701731	57.816	ng		0.00
Target Compounds							Qvalue
31) Naphthalene	10.810	128	351251	5.717	ng		99
49) Acenaphthylene	14.310	152	168501	2.680	ng		98
52) Acenaphthene	14.651	154	391681	10.136	ng		99
55) Dibenzofuran	14.986	168	289468	4.787	ng		99
58) Fluorene	15.633	166	447550	9.448	ng		99
71) Phenanthrene	17.380	178	6508288	87.064	ng		99
72) Anthracene	17.468	178	1824774	24.478	ng		100
73) Carbazole	17.739	167	978677	14.385	ng		100
74) Di-n-butylphthalate	18.304	149	23457	2.071	ng	#	75
75) Fluoranthene	19.398	202	10346555	131.090	ng		97
78) Pyrene	19.762	202	9361489	106.475	ng		99
81) Benzo(a)anthracene	21.503	228	5291545	62.770	ng		97
83) Chrysene	21.556	228	4742903	57.848	ng		97
84) Bis(2-ethylhexyl)phtha...	21.421	149	93151	4.119	ng	#	99
87) Indeno(1,2,3-cd)pyrene	26.480	276	3542650	34.045	ng		96
88) Benzo(b)fluoranthene	23.215	252	7053673	80.737	ng		98
89) Benzo(k)fluoranthene	23.256	252	2191550m	24.104	ng		
90) Benzo(a)pyrene	23.844	252	4977765	59.201	ng		98
91) Dibenzo(a,h)anthracene	26.485	278	916980	10.406	ng	#	82
92) Benzo(g,h,i)perylene	27.268	276	3601697	41.775	ng		100

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

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