Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032323\
Data File : BM039130.D
Acq On : 23 Mar 2023 23:51
Operator : CG/JU
Sample : 01998-07
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
10TH-ST-SUBSTATION-TP2

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 03/24/2023
Supervised By :Jagrut Upadhyay 03/24/2023

Quant Time: Mar 24 04:35:46 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM030823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 22 03:36:20 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.957	152	254820	20.000	ng		-0.01
21) Naphthalene-d8	10.769	136	1001523	20.000	ng		-0.01
39) Acenaphthene-d10	14.598	164	573023	20.000	ng		-0.01
64) Phenanthrene-d10	17.345	188	1176773	20.000	ng		0.00
76) Chrysene-d12	21.533	240	983046	20.000	ng		0.00
86) Perylene-d12	23.962	264	1160302	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.516	112	1428650	85.179	ng		0.00
7) Phenol-d6	7.122	99	1809960	83.081	ng		0.00
23) Nitrobenzene-d5	9.128	82	1136156	55.724	ng		-0.01
42) 2,4,6-Tribromophenol	16.092	330	613402	92.534	ng		0.00
45) 2-Fluorobiphenyl	13.227	172	2370005	53.842	ng		0.00
79) Terphenyl-d14	19.968	244	3277200	60.951	ng		0.00
Target Compounds							Qvalue
31) Naphthalene	10.822	128	526419	9.218	ng		100
37) 2-Methylnaphthalene	12.428	142	209108	5.463	ng		97
38) 1-Methylnaphthalene	12.645	142	177426	4.946	ng		99
49) Acenaphthylene	14.322	152	305626	5.242	ng		98
52) Acenaphthene	14.663	154	411414	11.481	ng		100
55) Dibenzofuran	14.998	168	476109	8.490	ng		97
58) Fluorene	15.645	166	515069	11.726	ng		100
71) Phenanthrene	17.392	178	8090690	117.145	ng		99
72) Anthracene	17.480	178	1860131	27.007	ng		99
73) Carbazole	17.751	167	965922	15.366	ng		99
74) Di-n-butylphthalate	18.315	149	36959	2.263	ng	#	90
75) Fluoranthene	19.409	202	11349707	155.641	ng		97
78) Pyrene	19.774	202	10344110	140.098	ng		98
80) Butylbenzylphthalate	20.656	149	78241	5.636	ng		89
81) Benzo(a)anthracene	21.515	228	5706072	80.601	ng		96
83) Chrysene	21.568	228	5209514	75.661	ng		97
84) Bis(2-ethylhexyl)phtha...	21.433	149	111435	4.813	ng		100
87) Indeno(1,2,3-cd)pyrene	26.509	276	3504091	39.688	ng		96
88) Benzo(b)fluoranthene	23.233	252	6705633	90.460	ng		98
89) Benzo(k)fluoranthene	23.268	252	2525641m	32.739	ng		
90) Benzo(a)pyrene	23.862	252	5122047	71.795	ng		99
91) Dibenzo(a,h)anthracene	26.509	278	964947	12.905	ng	#	79
92) Benzo(g,h,i)perylene	27.297	276	3389309	46.332	ng		99

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

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