Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011720\
Data File : BF118578.D
Acq On : 18 Jan 2020 00:37
Operator : JU
Sample : L1142-02
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WS-1

Manual Integrations APPROVED
mohammad
1/21/2020 7:58:45 AM

Quant Time: Jan 20 10:12:13 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF011720.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 17 15:49:53 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	359864	20.00	ng		0.00
21) Naphthalene-d8	8.17	136	1256214	20.00	ng		0.00
39) Acenaphthene-d10	9.93	164	672360	20.00	ng		0.00
64) Phenanthrene-d10	11.41	188	1179358	20.00	ng		0.00
76) Chrysene-d12	14.04	240	873982	20.00	ng		0.00
87) Perylene-d12	15.52	264	981299	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	921509	47.31	ng		0.00
7) Phenol-d6	6.50	99	714042	27.98	ng		-0.02
23) Nitrobenzene-d5	7.45	82	2030977	99.85	ng		-0.01
42) 2,4,6-Tribromophenol	10.71	330	736235	99.05	ng		0.00
45) 2-Fluorobiphenyl	9.25	172	3727228	100.08	ng		0.00
79) Terphenyl-d14	13.00	244	3877626	87.62	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.51	94	96722	3.454	ng		93
20) 3+4-Methylphenols	7.28	107	76364	3.396	ng	#	76
27) 2,4-Dimethylphenol	7.83	122	68709	3.914	ng	#	91
31) Naphthalene	8.19	128	771593	13.024	ng		96
37) 2-Methylnaphthalene	8.88	142	185878	4.429	ng		99
38) 1-Methylnaphthalene	8.98	142	147021	3.703	ng		100
50) Dimethylphthalate	9.63	163	547775	11.866	ng		97
52) Acenaphthene	9.96	154	485298	12.957	ng		98
55) Dibenzofuran	10.13	168	397330	7.496	ng		97
58) Fluorene	10.47	166	418375	10.193	ng		99
71) Phenanthrene	11.43	178	1791811	30.226	ng		95
72) Anthracene	11.48	178	552371	9.339	ng		94
73) Carbazole	11.63	167	859637	16.116	ng		95
75) Fluoranthene	12.62	202	1176814	18.460	ng		94
78) Pyrene	12.85	202	970355	14.876	ng		94
81) Benzo(a)anthracene	14.03	228	325867	5.907	ng		97
83) Chrysene	14.07	228	269591	5.081	ng		94
86) Indeno(1,2,3-cd)pyrene	16.98	276	164356	3.148	ng		96
88) Benzo(b)fluoranthene	15.08	252	339459m	5.311	ng		
90) Benzo(a)pyrene	15.45	252	249854	4.493	ng		99
92) Benzo(g,h,i)perylene	17.43	276	175111	3.490	ng		97

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

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