Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012919\
Data File : BF112292.D
Acq On : 29 Jan 2019 13:52
Operator : JU/SJ
Sample : K1264-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RH-CONCRETE

Manual Integrations APPROVED
mohammad
1/30/2019 11:08:16 AM

Quant Time: Jan 30 00:19:11 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 28 10:38:18 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	176267	20.00	ng		0.00
21) Naphthalene-d8	8.12	136	664870	20.00	ng		-0.01
39) Acenaphthene-d10	9.87	164	302770	20.00	ng		-0.01
64) Phenanthrene-d10	11.36	188	489427	20.00	ng		0.00
76) Chrysene-d12	14.01	240	326706	20.00	ng		0.00
87) Perylene-d12	15.47	264	394769	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	966275	116.44	ng		0.00
7) Phenol-d6	6.49	99	1211676	105.08	ng		0.00
23) Nitrobenzene-d5	7.40	82	762392	66.07	ng		-0.01
42) 2,4,6-Tribromophenol	10.67	330	314170	89.15	ng		-0.01
45) 2-Fluorobiphenyl	9.19	172	1511926	70.63	ng		-0.01
79) Terphenyl-d14	12.94	244	1119964	64.57	ng		0.00
Target Compounds							Qvalue
31) Naphthalene	8.14	128	63280	2.035	ng		97
37) 2-Methylnaphthalene	8.83	142	45928	2.158	ng		97
50) Dimethylphthalate	9.59	163	90825	3.861	ng		96
52) Acenaphthene	9.90	154	100633	5.599	ng		98
55) Dibenzofuran	10.08	168	187032	6.810	ng		99
58) Fluorene	10.42	166	59522	2.896	ng	#	93
71) Phenanthrene	11.39	178	2614614	102.757	ng		99
72) Anthracene	11.44	178	164545	6.492	ng		97
73) Carbazole	11.59	167	143116	5.724	ng	#	94
75) Fluoranthene	12.59	202	2809921	102.962	ng		99
78) Pyrene	12.82	202	2214494	97.903	ng		99
81) Benzo(a)anthracene	14.00	228	652577	33.979	ng		99
83) Chrysene	14.03	228	608858	33.212	ng		97
84) Bis(2-ethylhexyl)phthalate	13.97	149	60387	3.887	ng		97
86) Indeno(1,2,3-cd)pyrene	16.94	276	266999	18.380	ng	#	92
88) Benzo(b)fluoranthene	15.04	252	714098m	30.247	ng		
89) Benzo(k)fluoranthene	15.07	252	242481m	10.723	ng		
90) Benzo(a)pyrene	15.41	252	236217	11.120	ng	#	95
91) Dibenzo(a,h)anthracene	16.94	278	70876	4.140	ng	#	79
92) Benzo(g,h,i)perylene	17.39	276	290487	17.984	ng		98

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

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