Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092520\
Data File : BF121698.D
Acq On : 25 Sep 2020 16:24
Operator : JU/CG
Sample : L4152-01 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WR-PILE-1-2

Manual Integrations APPROVED
mohammad
9/28/2020 11:10:37 AM

Quant Time: Sep 25 17:27:42 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 25 14:15:19 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	148306	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	572552	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	299485	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	562565	20.00	ng	0.00
76) Chrysene-d12	13.97	240	384577	20.00	ng	0.00
86) Perylene-d12	15.42	264	335216	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	36085	3.62	ng	0.00
7) Phenol-d6	6.43	99	211292	16.14	ng	-0.01
23) Nitrobenzene-d5	7.36	82	161333	15.13	ng	-0.01
42) 2,4,6-Tribromophenol	10.63	330	419	0.11	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	329750	16.68	ng	0.00
79) Terphenyl-d14	12.91	244	347163	18.29	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	8.10	128	136271	4.509	ng	98
50) Dimethylphthalate	9.55	163	48810	2.249	ng	100
52) Acenaphthene	9.87	154	177298	9.670	ng	99
55) Dibenzofuran	10.04	168	238691	9.244	ng	96
58) Fluorene	10.38	166	223022	11.295	ng	100
71) Phenanthrene	11.36	178	2606888	85.051	ng	98
72) Anthracene	11.40	178	777728	24.588	ng	99
73) Carbazole	11.56	167	411277	14.409	ng	98
75) Fluoranthene	12.55	202	2934163	89.676	ng	98
78) Pyrene	12.78	202	2500908	89.005	ng	99
81) Benzo(a)anthracene	13.96	228	1329955	54.663	ng	100
83) Chrysene	14.00	228	1111286	45.105	ng	97
87) Indeno(1,2,3-cd)pyrene	16.85	276	604709	27.700	ng	95
88) Benzo(b)fluoranthene	15.00	252	1327477m	59.237	ng	
89) Benzo(k)fluoranthene	15.03	252	351654m	17.136	ng	
90) Benzo(a)pyrene	15.36	252	852809	44.769	ng	98
91) Dibenzo(a,h)anthracene	16.86	278	153004m	8.420	ng	
92) Benzo(g,h,i)perylene	17.29	276	556241	31.140	ng	99

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

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