Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032720\
Data File : BF119625.D
Acq On : 28 Mar 2020 19:04
Operator : CG/JU
Sample : L2040-07
Misc :
ALS Vial : 55 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RO-11986

Manual Integrations APPROVED
mohammad
3/31/2020 8:14:57 AM

Quant Time: Mar 30 02:20:14 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 27 07:52:09 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	294162	20.00	ng		0.00
21) Naphthalene-d8	8.12	136	1048823	20.00	ng		0.00
39) Acenaphthene-d10	9.88	164	441052	20.00	ng		0.00
64) Phenanthrene-d10	11.37	188	664907	20.00	ng		0.00
76) Chrysene-d12	14.01	240	547970	20.00	ng		0.00
87) Perylene-d12	15.47	264	503683	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	1894045	102.50	ng		0.01
7) Phenol-d6	6.46	99	2406790	101.96	ng		0.00
23) Nitrobenzene-d5	7.40	82	1471974	76.27	ng		0.00
42) 2,4,6-Tribromophenol	10.67	330	444181	97.62	ng		0.00
45) 2-Fluorobiphenyl	9.20	172	2317309	77.84	ng		0.00
79) Terphenyl-d14	12.96	244	2001301	71.55	ng		0.00
Target Compounds							Qvalue
37) 2-Methylnaphthalene	8.83	142	128701	3.633	ng		96
38) 1-Methylnaphthalene	8.93	142	185083	5.520	ng		97
46) 1,1'-Biphenyl	9.30	154	118832	3.308	ng		97
49) Acenaphthylene	9.74	152	111661	2.527	ng		98
50) Dimethylphthalate	9.59	163	210853	6.730	ng		100
52) Acenaphthene	9.91	154	499041	18.116	ng		99
55) Dibenzofuran	10.08	168	663165	16.791	ng		98
58) Fluorene	10.43	166	692046	23.696	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.20	232	16552	2.137	ng	#	53
70) Pentachlorophenol	11.17	266	261276	57.494	ng		98
71) Phenanthrene	11.39	178	2386381	69.216	ng		100
72) Anthracene	11.44	178	628229	17.929	ng		97
73) Carbazole	11.59	167	135484	3.906	ng		97
75) Fluoranthene	12.59	202	2103618	56.378	ng		98
78) Pyrene	12.81	202	2050341	45.592	ng		99
81) Benzo(a)anthracene	14.00	228	820004	23.012	ng		96
83) Chrysene	14.03	228	774340	21.056	ng		97
86) Indeno(1,2,3-cd)pyrene	16.93	276	173173	5.000	ng		97
88) Benzo(b)fluoranthene	15.04	252	698299m	20.754	ng		
89) Benzo(k)fluoranthene	15.07	252	238475m	7.444	ng		
90) Benzo(a)pyrene	15.41	252	373362	12.211	ng		99
92) Benzo(g,h,i)perylene	17.37	276	143548	5.343	ng		98

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

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