

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF103019\
 Data File : BF117646.D
 Acq On : 31 Oct 2019 5:21
 Operator : JU
 Sample : K5576-19DL 10X
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CSA-2-1-8DL

Manual Integrations
 APPROVED

mohammad
 10/31/2019 3:11:16 PM

Quant Time: Oct 31 08:19:53 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101819.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 18 18:53:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	30047	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	134239	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	65088	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	95063	20.00	ng	0.00
76) Chrysene-d12	13.90	240	71838	20.00	ng	0.00
87) Perylene-d12	15.33	264	60263	20.00	ng	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.40	112	9661	4.78	ng	0.05
7) Phenol-d6	6.43	99	16704	6.16	ng	0.05
23) Nitrobenzene-d5	7.33	82	7431	2.73	ng	0.02
42) 2,4,6-Tribromophenol	10.57	330	2573	4.57	ng	0.00
45) 2-Fluorobiphenyl	9.09	172	19716	4.27	ng	0.00
79) Terphenyl-d14	12.83	244	16308	3.70	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
31) Naphthalene	8.03	128	14523	2.183	ng	97
52) Acenaphthene	9.79	154	20403	5.573	ng	95
55) Dibenzofuran	9.97	168	17313	3.264	ng	98
58) Fluorene	10.32	166	20863	4.756	ng	92
71) Phenanthrene	11.27	178	273496	49.547	ng	99
72) Anthracene	11.33	178	73258	12.934	ng	96
73) Carbazole	11.50	167	14740	2.848	ng	93
75) Fluoranthene	12.47	202	243783	44.116	ng	98
78) Pyrene	12.70	202	223241	36.179	ng	100
81) Benzo(a)anthracene	13.89	228	92768	19.144	ng	100
83) Chrysene	13.92	228	74750	15.740	ng	100
86) Indeno(1,2,3-cd)pyrene	16.76	276	22701	6.402	ng	98
88) Benzo(b)fluoranthene	14.93	252	66570m	18.707	ng	
89) Benzo(k)fluoranthene	14.95	252	25378m	6.958	ng	
90) Benzo(a)pyrene	15.27	252	48881	15.108	ng	95
92) Benzo(g,h,i)perylene	17.19	276	20053	7.576	ng	# 87

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

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