

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112219\
 Data File : BF117943.D
 Acq On : 23 Nov 2019 2:46
 Operator : JU
 Sample : K5671-11
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OR-02-112119

Manual Integrations
 APPROVED

mohammad
 11/25/2019 8:19:43 AM

Quant Time: Nov 23 05:53:51 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 13 18:36:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	183080	20.00	ng	-0.02
21) Naphthalene-d8	8.19	136	676014	20.00	ng	-0.02
39) Acenaphthene-d10	9.95	164	355481	20.00	ng	-0.02
64) Phenanthrene-d10	11.45	188	581921	20.00	ng	-0.02
76) Chrysene-d12	14.09	240	337032	20.00	ng	-0.02
87) Perylene-d12	15.60	264	380021	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.52	112	937712	90.66	ng	-0.01
7) Phenol-d6	6.53	99	1220943	97.87	ng	-0.02
23) Nitrobenzene-d5	7.46	82	715920	62.96	ng	-0.03
42) 2,4,6-Tribromophenol	10.75	330	292476	77.72	ng	-0.02
45) 2-Fluorobiphenyl	9.27	172	1307599	65.99	ng	-0.02
79) Terphenyl-d14	13.03	244	914875	49.61	ng	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
50) Dimethylphthalate	9.66	163	237653	9.534	ng	98
71) Phenanthrene	11.47	178	375599	12.838	ng	96
72) Anthracene	11.52	178	100891	3.478	ng	96
75) Fluoranthene	12.66	202	488130	12.965	ng	99
78) Pyrene	12.89	202	374702	13.757	ng	97
81) Benzo(a)anthracene	14.08	228	208932	9.381	ng	98
83) Chrysene	14.12	228	184088	8.530	ng	96
86) Indeno(1,2,3-cd)pyrene	17.12	276	124746	6.792	ng	95
88) Benzo(b)fluoranthene	15.15	252	231942m	9.394	ng	
89) Benzo(k)fluoranthene	15.18	252	76614m	3.293	ng	
90) Benzo(a)pyrene	15.53	252	187400	8.632	ng	99
92) Benzo(a,h,i)perylene	17.57	276	141512	7.603	ng	97

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

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