

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032720\
 Data File : BF119626.D
 Acq On : 28 Mar 2020 19:35
 Operator : CG/JU
 Sample : L2052-02
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SOIL-PILE

Manual Integrations
 APPROVED

mohammad
 3/31/2020 8:15:00 AM

Quant Time: Mar 30 02:35:45 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	313677	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	1035296	20.00	ng	0.00
39) Acenaphthene-d10	9.88	164	452730	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	686973	20.00	ng	0.00
76) Chrysene-d12	14.01	240	529819	20.00	ng	0.00
87) Perylene-d12	15.48	264	438557	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	1924892	97.69	ng	0.01
7) Phenol-d6	6.46	99	2386750	94.82	ng	0.00
23) Nitrobenzene-d5	7.40	82	1446959	75.96	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	413604	88.55	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	2103195	68.82	ng	0.00
79) Terphenyl-d14	12.96	244	1620297	59.92	ng	0.00

Target Compounds				Qvalue		
31) Naphthalene	8.14	128	110430	2.073	ng	98
37) 2-Methylnaphthalene	8.83	142	88514	2.531	ng	95
38) 1-Methylnaphthalene	8.93	142	67992	2.054	ng	98
49) Acenaphthylene	9.74	152	109589	2.416	ng	99
50) Dimethylphthalate	9.59	163	82074	2.552	ng	# 98
52) Acenaphthene	9.91	154	131375	4.646	ng	98
55) Dibenzofuran	10.08	168	123030	3.035	ng	98
58) Fluorene	10.43	166	167177	5.576	ng	97
71) Phenanthrene	11.39	178	1199686	33.679	ng	98
72) Anthracene	11.44	178	517361	14.290	ng	96
73) Carbazole	11.59	167	131407	3.667	ng	97
75) Fluoranthene	12.59	202	1875567	48.652	ng	98
78) Pyrene	12.81	202	1654975	38.061	ng	98
81) Benzo(a)anthracene	14.00	228	901011	26.152	ng	96
83) Chrysene	14.04	228	831984	23.398	ng	97
84) Bis(2-ethylhexyl)phthalate	13.99	149	44660	2.130	ng	# 96
86) Indeno(1,2,3-cd)pyrene	16.94	276	347523	10.378	ng	95
88) Benzo(b)fluoranthene	15.05	252	890916m	30.411	ng	
89) Benzo(k)fluoranthene	15.07	252	289074m	10.363	ng	
90) Benzo(a)pyrene	15.42	252	582193	21.868	ng	99
91) Dibenz(a,h)anthracene	16.95	278	86750	3.725	ng	# 86
92) Benzo(g,h,i)perylene	17.39	276	316878	13.545	ng	96

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

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