

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121417\
 Data File : BM013426.D
 Acq On : 15 Dec 2017 06:00
 Operator : SJ/JU
 Sample : I6778-13 20X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F9A78

Manual Integrations
 APPROVED

Sohil
 12/15/2017 6:49:08 PM

Quant Time: Dec 15 10:57:47 2017
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Dec 15 04:56:09 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	255561	20.00	ng/ul	0.00
18) Naphthalene-d8	10.48	136	1093948	20.00	ng/ul	0.02
35) Acenaphthene-d10	14.32	164	669702	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.10	188	1279287	20.00	ng/ul	0.02
75) Chrysene-d12	21.27	240	1017489	20.00	ng/ul	0.01
83) Perylene-d12	23.49	264	879132	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.23	96	1715	0.33	ng/uL	0.00
5) Phenol-d5	6.86	99	25139	1.14	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.02	67	17485	1.39	ng/ul	0.00
9) 2-Chlorophenol-d4	7.22	132	20934	1.21	ng/ul	0.00
13) 4-Methylphenol-d8	8.39	113	21716	1.15	ng/ul	0.00
19) Nitrobenzene-d5	8.84	128	23452	2.70	ng/ul	0.00
22) 2-Nitrophenol-d4	9.55	143	14317	1.54	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.10	165	22504	1.18	ng/ul	0.02
29) 4-Chloroaniline-d4	10.61	131	51093	2.91	ng/ul	0.01
43) Dimethylphthalate-d6	13.75	166	93153	1.56	ng/ul	0.00
46) Acenaphthylene-d8	14.02	160	87735	1.19	ng/ul	0.00
51) 4-Nitrophenol-d4	14.53	143	6274	0.61	ng/ul	0.00
57) Fluorene-d10	15.32	176	81016	1.58	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.49	200	3707	0.46	ng/ul	0.04
70) Anthracene-d10	17.20	188	95223	1.49	ng/ul	0.04
76) Pyrene-d10	19.48	212	100872	1.99	ng/ul	0.01
87) Benzo(a)pyrene-d12	23.35	264	63385	1.42	ng/ul	0.00

Target Compounds

					Qvalue
24) 2,4-Dimethylphenol	9.65	107	39633	1.888 ng/ul	93
28) Naphthalene	10.52	128	44327124m	787.585 ng/ul	
34) 2-Methylnaphthalene	12.14	142	21878344m	517.110 ng/ul	
40) 1,1'-Biphenyl	13.16	154	7211120	127.406 ng/ul	99
47) Acenaphthylene	14.05	152	3092075	45.434 ng/ul#	95
49) Acenaphthene	14.40	153	20764070m	447.876 ng/ul	
53) Dibenzofuran	14.73	168	20168364m	294.680 ng/ul	
58) Fluorene	15.39	166	22757246m	401.931 ng/ul	
68) Pentachlorophenol	16.76	266	36375	3.792 ng/ul	93
69) Phenanthrene	17.12	178	40802124m	561.404 ng/ul	
71) Anthracene	17.23	178	14740627m	198.421 ng/ul	
72) Carbazole	17.49	167	7904651	123.705 ng/ul	99
74) Fluoranthene	19.14	202	27388354m	307.507 ng/ul	
77) Pyrene	19.51	202	24006974m	388.366 ng/ul	
80) Benzo(a)anthracene	21.26	228	9796578	151.750 ng/ul	95
82) Chrysene	21.31	228	7610171	127.063 ng/ul	97
85) Benzo(b)fluoranthene	22.83	252	5536136	93.415 ng/ul#	98
86) Benzo(k)fluoranthene	22.87	252	1816866m	32.577 ng/ul	
88) Benzo(a)pyrene	23.40	252	3809512	71.558 ng/ul#	96
89) Indeno(1,2,3-cd)pyrene	25.72	276	1728440	32.722 ng/ul#	96
90) Dibenzo(a,h)anthracene	25.72	278	472924	10.515 ng/ul#	86
91) Benzo(g,h,i)perylene	26.41	276	1476756	35.443 ng/ul#	95

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

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