

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121417\
 Data File : BM013427.D
 Acq On : 15 Dec 2017 06:36
 Operator : SJ/JU
 Sample : I6778-14 30X
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F9A79

Manual Integrations
 APPROVED

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

Quant Time: Dec 15 11:03:25 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	230786	20.00	ng/ul	0.00
18) Naphthalene-d8	10.47	136	993646	20.00	ng/ul	0.02
35) Acenaphthene-d10	14.32	164	623372	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.09	188	1247029	20.00	ng/ul	0.01
75) Chrysene-d12	21.27	240	1180064	20.00	ng/ul	0.01
83) Perylene-d12	23.49	264	923896	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.22	96	199	0.04	ng/uL	0.00
5) Phenol-d5	6.86	99	13384	0.67	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.03	67	10938	0.96	ng/ul	0.00
9) 2-Chlorophenol-d4	7.21	132	13977	0.90	ng/ul	0.00
13) 4-Methylphenol-d8	8.39	113	14220	0.83	ng/ul	0.00
19) Nitrobenzene-d5	8.85	128	16446	2.09	ng/ul	0.01
22) 2-Nitrophenol-d4	9.55	143	7230	0.86	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.09	165	13774	0.79	ng/ul	0.01
29) 4-Chloroaniline-d4	10.61	131	34888	2.18	ng/ul	0.01
43) Dimethylphthalate-d6	13.74	166	64308	1.16	ng/ul	0.00
46) Acenaphthylene-d8	14.02	160	53583	0.78	ng/ul	0.00
51) 4-Nitrophenol-d4	14.53	143	9356	0.97	ng/ul	0.00
57) Fluorene-d10	15.33	176	60507	1.27	ng/ul	0.01
62) 4,6-Dinitro-2-methylphenol	15.46	200	344	0.04	ng/ul	0.01
70) Anthracene-d10	17.20	188	61105	0.98	ng/ul	0.04
76) Pyrene-d10	19.49	212	72122m	1.23	ng/ul	0.02
87) Benzo(a)pyrene-d12	23.35	264	48227	1.02	ng/ul	0.00

Target Compounds

						Qvalue
28) Naphthalene	10.52	128	41141019m	804.762	ng/ul	
34) 2-Methylnaphthalene	12.14	142	19943403m	518.959	ng/ul	
40) 1,1'-Biphenyl	13.16	154	6264010	118.898	ng/ul	99
47) Acenaphthylene	14.05	152	2510055	39.623	ng/ul#	94
49) Acenaphthene	14.40	153	19822326m	459.340	ng/ul	
53) Dibenzofuran	14.73	168	18950530m	297.464	ng/ul	
58) Fluorene	15.39	166	21584679m	409.555	ng/ul	
68) Pentachlorophenol	16.76	266	36913	3.948	ng/ul	95
69) Phenanthrene	17.12	178	40002667m	564.642	ng/ul	
71) Anthracene	17.23	178	13794629	190.490	ng/ul#	90
72) Carbazole	17.49	167	7469841	119.924	ng/ul	99
74) Fluoranthene	19.14	202	28621447m	329.664	ng/ul	
77) Pyrene	19.51	202	24531305m	342.175	ng/ul	
80) Benzo(a)anthracene	21.26	228	10651154	142.258	ng/ul	96
82) Chrysene	21.32	228	8288444	119.323	ng/ul	97
85) Benzo(b)fluoranthene	22.83	252	5495704	88.240	ng/ul#	98
86) Benzo(k)fluoranthene	22.87	252	1914169m	32.659	ng/ul	
88) Benzo(a)pyrene	23.40	252	3616706	64.645	ng/ul#	98
89) Indeno(1,2,3-cd)pyrene	25.72	276	1554554	28.004	ng/ul#	97
90) Dibenzo(a,h)anthracene	25.72	278	443197	9.376	ng/ul#	87
91) Benzo(g,h,i)perylene	26.40	276	1284983	29.346	ng/ul#	95

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

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