

Data Path : U:\HPCHEM1\BNA M\DATA\BM012818\
 Data File : BM013947.D
 Acq On : 29 Jan 2018 06:00
 Operator : SJ/JU
 Sample : J1243-10 20X
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F6B33

Manual Integrations
 APPROVED

Sohil
 1/29/2018 6:08:56 PM

Quant Time: Jan 29 07:24:35 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jan 29 04:03:39 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	194252	20.00	ng/ul	0.00
18) Naphthalene-d8	10.36	136	742654	20.00	ng/ul	0.01
35) Acenaphthene-d10	14.23	164	637284	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.00	188	797891	20.00	ng/ul	0.01
75) Chrysene-d12	21.20	240	863647	20.00	ng/ul	0.01
83) Perylene-d12	23.38	264	870156	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.14	96	14884	3.03	ng/uL	0.00
5) Phenol-d5	6.77	99	367352	24.63	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.93	67	232090	25.69	ng/ul	0.00
9) 2-Chlorophenol-d4	7.12	132	316536	26.05	ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	281752	24.58	ng/ul	0.00
19) Nitrobenzene-d5	8.74	128	159503	27.68	ng/ul	0.00
22) 2-Nitrophenol-d4	9.45	143	173911	28.56	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.99	165	327366	27.83	ng/ul	0.01
29) 4-Chloroaniline-d4	10.50	131	180975	17.73	ng/ul	0.00
43) Dimethylphthalate-d6	13.66	166	873645	16.63	ng/ul	0.00
46) Acenaphthylene-d8	13.92	160	1061549	15.85	ng/ul	0.00
51) 4-Nitrophenol-d4	14.48	143	104259	12.21	ng/ul	0.01
57) Fluorene-d10	15.23	176	713785	15.45	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.41	200	95816	19.95	ng/ul	0.04
70) Anthracene-d10	17.12	188	1101041	28.33	ng/ul	0.04
76) Pyrene-d10	19.40	212	1269579	31.57	ng/ul	0.02
87) Benzo(a)pyrene-d12	23.24	264	1173904	29.35	ng/ul	0.01

Target Compounds

					Ovalue
6) Phenol	6.79	94	56158	3.755 ng/ul#	85
28) Naphthalene	10.41	128	32393765m	876.765 ng/ul	
34) 2-Methylnaphthalene	12.04	142	22716572m	824.669 ng/ul	
40) 1,1'-Biphenyl	13.06	154	7203655	135.797 ng/ul	99
44) Dimethylphthalate	13.70	163	198521	3.844 ng/ul	98
47) Acenaphthylene	13.96	152	209000	3.410 ng/ul#	60
49) Acenaphthene	14.32	153	17446049	411.051 ng/ul#	86
53) Dibenzofuran	14.64	168	19519689m	305.713 ng/ul	
58) Fluorene	15.30	166	15084409	288.408 ng/ul	97
68) Pentachlorophenol	16.67	266	920151	170.700 ng/ul	98
69) Phenanthrene	17.04	178	36316077m	818.824 ng/ul	
71) Anthracene	17.15	178	10816829	236.452 ng/ul	95
72) Carbazole	17.41	167	4318735	114.369 ng/ul	99
74) Fluoranthene	19.07	202	24791950m	468.289 ng/ul	
77) Pyrene	19.43	202	21122589m	402.307 ng/ul	
80) Benzo(a)anthracene	21.18	228	5459464	104.616 ng/ul	99
82) Chrysene	21.23	228	3906940	81.608 ng/ul	98
85) Benzo(b)fluoranthene	22.73	252	2202616	41.218 ng/ul#	99
86) Benzo(k)fluoranthene	22.77	252	849437m	16.445 ng/ul	
88) Benzo(a)pyrene	23.29	252	1271428	25.186 ng/ul#	97
89) Indeno(1,2,3-cd)pyrene	25.56	276	383476	6.435 ng/ul	97
90) Dibenzo(a,h)anthracene	25.55	278	113071	2.247 ng/ul#	95
91) Benzo(g,h,i)perylene	26.23	276	226056	4.609 ng/ul	94

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

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