

Data Path : Z:\HPCHEM1\BNA N\DATA\BN032118\
 Data File : BN000515.D
 Acq On : 21 Mar 2018 12:26
 Operator : JU/SJ
 Sample : J1905-11
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DAM46

Manual Integrations
 APPROVED

Sohil
 3/22/2018 6:48:53 PM

Quant Time: Mar 23 11:54:58 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN031918.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Mar 22 01:34:06 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.44	152	182225	20.00	ng/ul	0.03
18) Naphthalene-d8	11.29	136	386061	20.00	ng/ul	0.04
35) Acenaphthene-d10	15.07	164	307799	20.00	ng/ul	0.04
61) Phenanthrene-d10	17.90	188	450605m	20.00	ng/ul	0.14
75) Chrysene-d12	21.90	240	543047m	20.00	ng/ul	0.02
83) Perylene-d12	24.40	264	621290	20.00	ng/ul	0.04

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.60	96	33466	6.56	ng/uL	0.00
5) Phenol-d5	7.61	99	121332	7.14	ng/ul	0.05
7) Bis-(2-Chloroethyl)ether-d	7.74	67	674681	68.80	ng/ul	0.02
9) 2-Chlorophenol-d4	8.00	132	259513	20.19	ng/ul	0.06
13) 4-Methylphenol-d8	9.24	113	243569m	18.39	ng/ul	0.11
19) Nitrobenzene-d5	9.64	128	155021	49.44	ng/ul	0.04
22) 2-Nitrophenol-d4	10.37	143	115068	35.43	ng/ul	0.04
26) 2,4-Dichlorophenol-d3	11.01	165	288230m	49.50	ng/ul	0.14
29) 4-Chloroaniline-d4	11.40	131	551345	92.25	ng/ul	0.01
43) Dimethylphthalate-d6	14.46	166	526750	21.66	ng/ul	0.04
46) Acenaphthylene-d8	14.77	160	757240	23.60	ng/ul	0.04
51) 4-Nitrophenol-d4	15.28	143	130198	28.84	ng/ul	0.07
57) Fluorene-d10	16.08	176	512970	24.76	ng/ul	0.06
62) 4,6-Dinitro-2-methylphenol	16.22	200	308868	119.69	ng/ul	0.09
70) Anthracene-d10	17.98	188	602108m	27.80	ng/ul	0.12
76) Pyrene-d10	20.15	212	714018m	23.82	ng/ul	0.04
87) Benzo(a)pyrene-d12	24.24	264	763208	26.03	ng/ul	0.03

Target Compounds

					Ovalue	
21) Isophorone	10.22	82	2049904	138.932	ng/ul#	74
28) Naphthalene	11.35	128	2552094	125.882	ng/ul#	95
34) 2-Methylnaphthalene	12.94	142	5065259	374.222	ng/ul	100
38) 2,4,6-Trichlorophenol	13.55	196	133938m	21.353	ng/ul	
39) 2,4,5-Trichlorophenol	13.64	196	129616m	19.818	ng/ul	
40) 1,1'-Biphenyl	13.91	154	523460	19.978	ng/ul#	88
49) Acenaphthene	15.14	153	278641	13.004	ng/ul#	83
55) 2,3,4,6-Tetrachlorophenol	15.78	232	11325317m	2267.632	ng/ul	
58) Fluorene	16.13	166	608633	26.317	ng/ul#	78
68) Pentachlorophenol	17.55	266	35608463m	13907.877	ng/ul	
69) Phenanthrene	17.94	178	3463008	133.401	ng/ul#	93
71) Anthracene	18.01	178	755693m	28.390	ng/ul	
74) Fluoranthene	19.82	202	2641306m	102.393	ng/ul	
77) Pyrene	20.18	202	2403168m	60.588	ng/ul	
80) Benzo(a)anthracene	21.88	228	503609m	13.919	ng/ul	
81) Bis(2-ethylhexyl)phthalate	21.76	149	2255915	78.870	ng/ul	100
82) Chrysene	21.94	228	489275m	14.424	ng/ul	
84) Di-n-octyl phthalate	22.72	149	1097049	20.978	ng/ul	100
85) Benzo(b)fluoranthene	23.64	252	381802	9.726	ng/ul#	72
86) Benzo(k)fluoranthene	23.68	252	123208m	3.251	ng/ul	
88) Benzo(a)pyrene	24.29	252	240055	6.497	ng/ul#	72
89) Indeno(1,2,3-cd)pyrene	26.97	276	115371	2.896	ng/ul#	71
91) Benzo(g,h,i)perylene	27.76	276	102594	3.099	ng/ul#	75

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

