

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM101317\
 Data File : BM012164.D
 Acq On : 14 Oct 2017 09:16
 Operator : SJ/JU
 Sample : I5611-02 5X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B-44(5-5.5)_100217

Manual Integrations
 APPROVED

Sohil
 6/22/2018 5:57:59 PM

Quant Time: Jun 22 17:53:33 2018
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Oct 15 05:27:50 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	217796	20.00	ng/ul	0.00
18) Naphthalene-d8	10.63	136	829860	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.47	164	451525	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.22	188	983916	20.00	ng/ul	0.00
75) Chrysene-d12	21.40	240	1108911	20.00	ng/ul	0.00
83) Perylene-d12	23.72	264	1225613	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.24	96	4229	0.92	ng/uL	0.00
5) Phenol-d5	6.99	99	123928	7.01	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.15	67	88386	8.34	ng/ul	0.00
9) 2-Chlorophenol-d4	7.35	132	101203	6.75	ng/ul	0.00
13) 4-Methylphenol-d8	8.53	113	100239	6.59	ng/ul	0.00
19) Nitrobenzene-d5	8.99	128	62014	9.79	ng/ul	0.00
22) 2-Nitrophenol-d4	9.71	143	55697	7.53	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.26	165	107946	7.64	ng/ul	0.00
29) 4-Chloroaniline-d4	10.77	131	66776	5.05	ng/ul	0.00
43) Dimethylphthalate-d6	13.88	166	328940	8.24	ng/ul	0.00
46) Acenaphthylene-d8	14.17	160	393410	8.14	ng/ul	0.00
51) 4-Nitrophenol-d4	14.72	143	16345	2.72	ng/ul	0.02
57) Fluorene-d10	15.47	176	273542	8.35	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.62	200	11470	1.70	ng/ul	0.00
70) Anthracene-d10	17.32	188	428535	8.81	ng/ul	0.00
76) Pyrene-d10	19.62	212	473236	8.41	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.57	264	507616	8.59	ng/ul	0.00

Target Compounds

					Qvalue
16) 4-Methylphenol	8.59	108	74306	4.908 ng/ul#	72
28) Naphthalene	10.67	128	295923	6.892 ng/ul#	94
32) Caprolactam	11.63	113	15081	3.433 ng/ul	85
34) 2-Methylnaphthalene	12.29	142	175177	5.407 ng/ul	96
44) Dimethylphthalate	13.93	163	107752m	2.695 ng/ul	
49) Acenaphthene	14.54	153	56998	1.784 ng/ul	97
53) Dibenzofuran	14.87	168	57689	1.254 ng/ul	98
58) Fluorene	15.52	166	76183	1.994 ng/ul	99
69) Phenanthrene	17.26	178	929517	16.607 ng/ul	99
71) Anthracene	17.36	178	261939	4.520 ng/ul	98
74) Fluoranthene	19.28	202	1630549	24.139 ng/ul#	93
77) Pyrene	19.64	202	1561522	21.322 ng/ul#	93
80) Benzo(a)anthracene	21.39	228	894984	12.403 ng/ul	97
81) Bis(2-ethylhexyl)phthalate	21.29	149	74478	1.523 ng/ul#	97
82) Chrysene	21.44	228	799148	11.796 ng/ul	96
85) Benzo(b)fluoranthene	23.02	252	1054418	13.183 ng/ul#	96
86) Benzo(k)fluoranthene	23.06	252	283688m	3.681 ng/ul	
88) Benzo(a)pyrene	23.61	252	797489	10.579 ng/ul#	96
89) Indeno(1,2,3-cd)pyrene	26.09	276	490983	6.133 ng/ul#	96
90) Dibenzo(a,h)anthracene	26.09	278	129682	1.927 ng/ul#	78
91) Benzo(g,h,i)perylene	26.82	276	459568	7.009 ng/ul#	91

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

