

Data Path : Z:\HPCHEM1\BNA M\DATA\BM100617\
 Data File : BM011940.D
 Acq On : 06 Oct 2017 15:10
 Operator : SJ/JU
 Sample : I5449-03
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B-60(FILL)-092617

Manual Integrations
 APPROVED

Sohil
 10/9/2017 6:38:47 PM

Quant Time: Oct 12 05:26:11 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM100317.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Oct 07 04:15:28 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	278152	20.00	ng/ul	0.00
18) Naphthalene-d8	10.66	136	1105644	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.50	164	571974	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.24	188	1153689	20.00	ng/ul	0.00
75) Chrysene-d12	21.42	240	1247368	20.00	ng/ul	0.00
83) Perylene-d12	23.75	264	1350846	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.27	96	23399	3.98	ng/uL	0.00
5) Phenol-d5	7.02	99	505963	21.14	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.19	67	322865	22.79	ng/ul	0.00
9) 2-Chlorophenol-d4	7.39	132	469177	24.44	ng/ul	0.00
13) 4-Methylphenol-d8	8.56	113	405857	19.62	ng/ul	0.00
19) Nitrobenzene-d5	9.02	128	214246	27.21	ng/ul	0.00
22) 2-Nitrophenol-d4	9.75	143	250678	28.27	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.28	165	448095	25.00	ng/ul	0.00
29) 4-Chloroaniline-d4	10.80	131	99538	5.09	ng/ul	0.00
43) Dimethylphthalate-d6	13.90	166	1300305	26.23	ng/ul	0.00
46) Acenaphthylene-d8	14.20	160	1542274	26.48	ng/ul	0.00
51) 4-Nitrophenol-d4	14.70	143	116689	13.47	ng/ul	0.00
57) Fluorene-d10	15.49	176	1045705	23.90	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.62	200	150298	19.36	ng/ul	0.00
70) Anthracene-d10	17.34	188	1544840	27.17	ng/ul	0.00
76) Pyrene-d10	19.63	212	1694318	30.11	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.60	264	1745829	26.87	ng/ul	0.01

Target Compounds

					Ovalue	
6) Phenol	7.05	94	31212	1.318	ng/ul	90
28) Naphthalene	10.71	128	218812	3.945	ng/ul	98
34) 2-Methylnaphthalene	12.32	142	85657	2.025	ng/ul	98
47) Acenaphthylene	14.23	152	119354	2.113	ng/ul	97
49) Acenaphthene	14.56	153	122919	3.145	ng/ul	99
53) Dibenzofuran	14.90	168	141942	2.502	ng/ul	95
58) Fluorene	15.55	166	120278	2.539	ng/ul	96
69) Phenanthrene	17.29	178	2788903	43.947	ng/ul	99
71) Anthracene	17.38	178	658914	10.204	ng/ul	98
72) Carbazole	17.65	167	185581	3.318	ng/ul	96
73) Di-n-butylphthalate	18.20	149	323086	4.821	ng/ul	97
74) Fluoranthene	19.30	202	4914066	63.465	ng/ul#	91
77) Pyrene	19.67	202	4611407	66.674	ng/ul#	91
80) Benzo(a)anthracene	21.40	228	2741567	38.366	ng/ul	96
81) Bis(2-ethylhexyl)phthalate	21.32	149	351483	8.720	ng/ul	100
82) Chrysene	21.46	228	2709919	39.913	ng/ul	96
85) Benzo(b)fluoranthene	23.05	252	3768064	45.891	ng/ul#	96
86) Benzo(k)fluoranthene	23.09	252	1378192m	16.813	ng/ul	
88) Benzo(a)pyrene	23.65	252	2818925	35.729	ng/ul#	96
89) Indeno(1,2,3-cd)pyrene	26.13	276	2121306	25.125	ng/ul#	95
90) Dibenzo(a,h)anthracene	26.13	278	536712	7.736	ng/ul#	79
91) Benzo(a,h,i)perylene	26.87	276	1969223	28.196	ng/ul#	91

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

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