

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052316\
 Data File : BM005632.D
 Acq On : 24 May 2016 05:30
 Operator : UM/SJ
 Sample : H3086-02RE
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 JHGF3RE

Manual Integrations
 APPROVED

umangi
 5/24/2016 7:42:02 PM

Quant Time: May 24 08:01:18 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue May 24 06:55:29 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	213619	20.00	ng/ul	0.00
18) Naphthalene-d8	10.60	136	871071	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.44	164	405656	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.19	188	703656	20.00	ng/ul	0.00
75) Chrysene-d12	21.37	240	726540	20.00	ng/ul	0.00
83) Perylene-d12	23.67	264	741747	20.00	ng/ul	0.03

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.27	96	14073	2.89	ng/uL	0.00
5) Phenol-d5	6.99	99	361608	20.65	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.14	67	224705	22.14	ng/ul	0.00
9) 2-Chlorophenol-d4	7.34	132	309634	21.20	ng/ul	0.00
13) 4-Methylphenol-d8	8.52	113	279099	19.45	ng/ul	0.00
19) Nitrobenzene-d5	8.96	128	149821	22.50	ng/ul	0.00
22) 2-Nitrophenol-d4	9.68	143	160835	21.94	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.23	165	277537	20.10	ng/ul	0.00
29) 4-Chloroaniline-d4	10.73	131	109599	7.93	ng/ul	0.00
43) Dimethylphthalate-d6	13.85	166	710759	21.46	ng/ul	0.00
46) Acenaphthylene-d8	14.14	160	926763	22.39	ng/ul	0.00
51) 4-Nitrophenol-d4	14.67	143	99228	15.84	ng/ul	0.01
57) Fluorene-d10	15.44	176	572331	19.86	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.57	200	22062	5.45	ng/ul	0.01
70) Anthracene-d10	17.29	188	775096	23.12	ng/ul	0.01
76) Pyrene-d10	19.59	212	828613	25.18	ng/ul	0.01
87) Benzo(a)pyrene-d12	23.52	264	748295	21.60	ng/ul	0.02

Target Compounds

						Qvalue
28) Naphthalene	10.65	128	112886	2.58	ng/ul	98
34) 2-Methylnaphthalene	12.26	142	91686	2.86	ng/ul	100
44) Dimethylphthalate	13.90	163	117501	3.59	ng/ul#	95
47) Acenaphthylene	14.17	152	269334	6.40	ng/ul	95
49) Acenaphthene	14.51	153	27767	1.00	ng/ul#	89
53) Dibenzofuran	14.84	168	46755	1.18	ng/ul#	82
58) Fluorene	15.49	166	81451	2.57	ng/ul#	83
69) Phenanthrene	17.24	178	1100560	27.99	ng/ul	97
71) Anthracene	17.33	178	332659m	8.30	ng/ul	
72) Carbazole	17.60	167	65678	1.89	ng/ul#	60
74) Fluoranthene	19.25	202	1249438	28.23	ng/ul	98
77) Pyrene	19.62	202	1495856	35.81	ng/ul	100
80) Benzo(a)anthracene	21.36	228	478349	11.20	ng/ul#	84
81) Bis(2-ethylhexyl)phthalate	21.27	149	36813	1.48	ng/ul#	91
82) Chrysene	21.40	228	637583	15.69	ng/ul#	94
85) Benzo(b)fluoranthene	22.97	252	713638	16.31	ng/ul#	86
86) Benzo(k)fluoranthene	23.01	252	237203m	5.73	ng/ul	
88) Benzo(a)pyrene	23.57	252	610328	14.38	ng/ul#	91
89) Indeno(1,2,3-cd)pyrene	26.00	276	535847	10.63	ng/ul	98
90) Dibenz(a,h)anthracene	26.00	278	107027	2.55	ng/ul#	62
91) Benzo(g,h,i)perylene	26.72	276	589022	13.90	ng/ul	95

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

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