

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052216\
 Data File : BM005592.D
 Acq On : 22 May 2016 18:25
 Operator : UM/SJ
 Sample : H3087-10MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 JHGK4MS

Manual Integrations
 APPROVED

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 5/23/2016 8:35:41 PM

Quant Time: May 23 06:48:28 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon May 23 05:32:02 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	40225	20.00	ng/ul	0.00
18) Naphthalene-d8	10.60	136	200968	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.44	164	134783	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.19	188	346134	20.00	ng/ul	0.00
75) Chrysene-d12	21.36	240	483619	20.00	ng/ul	0.00
83) Perylene-d12	23.64	264	553396	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.29	96	2346	2.55	ng/uL	0.00
5) Phenol-d5	6.98	99	61448	18.64	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.15	67	37909	19.84	ng/ul	0.00
9) 2-Chlorophenol-d4	7.35	132	49815	18.11	ng/ul	0.00
13) 4-Methylphenol-d8	8.52	113	52377	19.39	ng/ul	0.00
19) Nitrobenzene-d5	8.96	128	27087	17.63	ng/ul	0.00
22) 2-Nitrophenol-d4	9.69	143	30344	17.94	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.22	165	56120	17.62	ng/ul	0.00
29) 4-Chloroaniline-d4	10.74	131	68202	21.38	ng/ul	0.00
43) Dimethylphthalate-d6	13.85	166	221021	20.09	ng/ul	0.00
46) Acenaphthylene-d8	14.14	160	256814	18.67	ng/ul	0.00
51) 4-Nitrophenol-d4	14.64	143	35101	16.87	ng/ul	0.00
57) Fluorene-d10	15.43	176	196484	20.52	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.55	200	22817	11.46	ng/ul	0.00
70) Anthracene-d10	17.28	188	324918	19.71	ng/ul	0.00
76) Pyrene-d10	19.57	212	415011	18.95	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.49	264	508942	19.70	ng/ul	0.00

Target Compounds

						Qvalue
6) Phenol	7.01	94	73262	21.57	ng/ul	97
10) 2-Chlorophenol	7.37	128	51668	18.72	ng/ul	98
14) Acetophenone	8.63	105	5857	1.44	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.61	70	49906	23.23	ng/ul	99
33) 4-Chloro-3-methylphenol	11.89	107	72571	21.09	ng/ul	100
44) Dimethylphthalate	13.90	163	35781	3.29	ng/ul	99
47) Acenaphthylene	14.17	152	20406	1.46	ng/ul	97
49) Acenaphthene	14.51	153	189064	20.52	ng/ul	98
52) 4-Nitrophenol	14.66	109	37020	17.70	ng/ul	98
54) 2,4-Dinitrotoluene	14.80	165	70344	21.93	ng/ul	96
58) Fluorene	15.49	166	14560	1.38	ng/ul	97
68) Pentachlorophenol	16.83	266	39856	15.11	ng/ul	98
69) Phenanthrene	17.23	178	210250	10.87	ng/ul	98
71) Anthracene	17.32	178	61879	3.14	ng/ul	99
74) Fluoranthene	19.24	202	441482	20.28	ng/ul	99
77) Pyrene	19.60	202	956491	34.40	ng/ul	97
80) Benzo(a)anthracene	21.34	228	186397	6.56	ng/ul	94
82) Chrysene	21.40	228	219316	8.11	ng/ul	97
85) Benzo(b)fluoranthene	22.96	252	224579	6.88	ng/ul#	96
86) Benzo(k)fluoranthene	22.99	252	81084m	2.62	ng/ul	
88) Benzo(a)pyrene	23.54	252	185422	5.86	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	25.93	276	112447	2.99	ng/ul	96
91) Benzo(g,h,i)perylene	26.63	276	98004	3.10	ng/ul	98

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

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