

Data Path : Z:\HPCHEM1\BNA M\DATA\BM022818\
 Data File : BM014403.D
 Acq On : 28 Feb 2018 14:36
 Operator : SJ/JU
 Sample : J1646-08
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampled :
 BE5X2

Manual Integrations
 APPROVED

Sohil
 3/1/2018 5:14:40 PM

Quant Time: Mar 08 16:52:23 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Feb 28 12:00:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	110639	20.00	ng/ul	0.00
18) Naphthalene-d8	10.29	136	460349	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.18	164	263526	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.94	188	541965	20.00	ng/ul	0.00
75) Chrysene-d12	21.16	240	490699	20.00	ng/ul	0.00
83) Perylene-d12	23.33	264	481415	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.10	96	2903	1.12	ng/uL	0.00
5) Phenol-d5	6.73	99	59835	6.40	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.87	67	37966	6.71	ng/ul	0.00
9) 2-Chlorophenol-d4	7.06	132	53357	7.44	ng/ul	0.00
13) 4-Methylphenol-d8	8.26	113	47849m	5.85	ng/ul	0.02
19) Nitrobenzene-d5	8.69	128	27067	7.96	ng/ul	0.02
22) 2-Nitrophenol-d4	9.40	143	26802m	7.61	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.95	165	51886m	7.11	ng/ul	0.02
29) 4-Chloroaniline-d4	10.47	131	47947m	6.67	ng/ul	0.02
43) Dimethylphthalate-d6	13.60	166	166980	7.67	ng/ul	0.00
46) Acenaphthylene-d8	13.87	160	213110	7.94	ng/ul	0.00
51) 4-Nitrophenol-d4	14.49	143	14723m	4.90	ng/ul	0.06
57) Fluorene-d10	15.19	176	140768	7.22	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.36	200	1895	0.58	ng/ul	0.02
70) Anthracene-d10	17.04	188	205295	7.85	ng/ul	0.00
76) Pyrene-d10	19.35	212	212340	8.39	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.19	264	189445	8.09	ng/ul	0.00

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
44) Dimethylphthalate	13.65	163	47527	2.215	ng/ul	99
47) Acenaphthylene	13.90	152	68901	2.716	ng/ul	98
69) Phenanthrene	16.98	178	604004	19.343	ng/ul	98
71) Anthracene	17.07	178	155150	4.941	ng/ul	97
74) Fluoranthene	19.02	202	1098747	29.452	ng/ul#	93
77) Pyrene	19.38	202	915816	28.083	ng/ul#	93
80) Benzo(a)anthracene	21.14	228	460663	15.042	ng/ul	97
81) Bis(2-ethylhexyl)phthalate	21.07	149	75076	3.888	ng/ul#	98
82) Chrysene	21.19	228	376400	13.175	ng/ul	96
85) Benzo(b)fluoranthene	22.68	252	441117	13.685	ng/ul#	97
86) Benzo(k)fluoranthene	22.72	252	173273	5.654	ng/ul#	95
88) Benzo(a)pyrene	23.24	252	333317	11.572	ng/ul#	97
89) Indeno(1,2,3-cd)pyrene	25.50	276	192138	6.874	ng/ul	95
90) Dibenzo(a,h)anthracene	25.50	278	57095	2.458	ng/ul#	93
91) Benzo(g,h,i)perylene	26.16	276	136011	6.007	ng/ul#	94

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

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