

Data Path : Z:\HPCHEM1\BNA M\DATA\BM022718\
 Data File : BM014379.D
 Acq On : 27 Feb 2018 13:00
 Operator : SJ/JU
 Sample : J1631-03
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampled :
 BE5Y6

Manual Integrations
 APPROVED

Sohil
 2/28/2018 1:59:00 PM

Quant Time: Mar 09 05:43:02 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Feb 27 03:22:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	93623	20.00	ng/ul	0.00
18) Naphthalene-d8	10.29	136	399419	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.17	164	227990	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.94	188	493902	20.00	ng/ul	0.00
75) Chrysene-d12	21.15	240	484872	20.00	ng/ul	0.00
83) Perylene-d12	23.33	264	457852	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.09	96	11500	5.26	ng/uL	-0.01
5) Phenol-d5	6.72	99	203553	25.73	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.87	67	130643	27.27	ng/ul	0.00
9) 2-Chlorophenol-d4	7.06	132	168878	27.83	ng/ul	0.00
13) 4-Methylphenol-d8	8.25	113	141056	20.37	ng/ul	0.00
19) Nitrobenzene-d5	8.67	128	89734	30.40	ng/ul	0.00
22) 2-Nitrophenol-d4	9.39	143	97560	31.93	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.93	165	172577	27.27	ng/ul	0.00
29) 4-Chloroaniline-d4	10.46	131	68417	10.97	ng/ul	0.01
43) Dimethylphthalate-d6	13.60	166	569562	30.25	ng/ul	0.00
46) Acenaphthylene-d8	13.87	160	733388	31.59	ng/ul	0.00
51) 4-Nitrophenol-d4	14.46	143	41771	16.07	ng/ul	0.02
57) Fluorene-d10	15.18	176	478785	28.38	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.34	200	40555	13.69	ng/ul	0.01
70) Anthracene-d10	17.04	188	740141	31.06	ng/ul	0.00
76) Pyrene-d10	19.34	212	776361	31.04	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.19	264	691870	31.05	ng/ul	0.01

Target Compounds

				Ovalue	
6) Phenol	6.75	94	13172m	1.586	ng/ul
14) Acetophenone	8.35	105	77858	6.518	ng/ul# 93
28) Naphthalene	10.34	128	54496	2.656	ng/ul 98
44) Dimethylphthalate	13.64	163	166913	8.990	ng/ul 98
47) Acenaphthylene	13.90	152	57328	2.612	ng/ul 95
49) Acenaphthene	14.24	153	55812	3.612	ng/ul 87
53) Dibenzofuran	14.59	168	55544	2.397	ng/ul 98
58) Fluorene	15.23	166	76962	3.848	ng/ul 92
69) Phenanthrene	16.98	178	1587089	55.772	ng/ul 99
71) Anthracene	17.07	178	349863	12.225	ng/ul 98
72) Carbazole	17.36	167	108938	4.527	ng/ul 98
73) Di-n-butylphthalate	17.92	149	42535	1.370	ng/ul 99
74) Fluoranthene	19.02	202	2750787	80.910	ng/ul# 93
77) Pyrene	19.38	202	2536092	78.704	ng/ul# 94
80) Benzo(a)anthracene	21.14	228	1406750	46.487	ng/ul 98
82) Chrysene	21.19	228	1309972	46.404	ng/ul 97
85) Benzo(b)fluoranthene	22.69	252	1730647	56.452	ng/ul# 96
86) Benzo(k)fluoranthene	22.72	252	575253m	19.736	ng/ul
88) Benzo(a)pyrene	23.24	252	1219371	44.511	ng/ul# 98
89) Indeno(1,2,3-cd)pyrene	25.49	276	798789	30.048	ng/ul# 97
90) Dibenzo(a,h)anthracene	25.49	278	227730	10.310	ng/ul# 91
91) Benzo(a,h,i)perylene	26.16	276	595307	27.644	ng/ul# 97

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

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