

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA M\DATA\BM030218\
 Data File : BM014463.D
 Acq On : 02 Mar 2018 15:55
 Operator : SJ/JU
 Sample : J1678-21RE
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BE5Z4RE

Manual Integrations
 APPROVED

Sohil
 3/5/2018 3:21:12 PM

Quant Time: Mar 02 23:52:31 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Mar 02 22:33:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	83118	20.00	ng/ul	0.00
18) Naphthalene-d8	10.29	136	365433	20.00	ng/ul	0.01
35) Acenaphthene-d10	14.18	164	224776	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.96	188	504730	20.00	ng/ul	0.02
75) Chrysene-d12	21.19	240	580499	20.00	ng/ul	0.03
83) Perylene-d12	23.39	264	384477m	20.00	ng/ul	0.05

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.09	96	8272m	4.26	ng/uL	0.00
5) Phenol-d5	6.74	99	216672	30.84	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	6.87	67	124680	29.32	ng/ul	0.00
9) 2-Chlorophenol-d4	7.06	132	181500	33.69	ng/ul	0.01
13) 4-Methylphenol-d8	8.26	113	181175	29.47	ng/ul	0.01
19) Nitrobenzene-d5	8.68	128	94089	34.84	ng/ul	0.00
22) 2-Nitrophenol-d4	9.39	143	100618	36.00	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.95	165	200907	34.70	ng/ul	0.01
29) 4-Chloroaniline-d4	10.46	131	180996	31.73	ng/ul	0.01
43) Dimethylphthalate-d6	13.60	166	686895	37.01	ng/ul	0.00
46) Acenaphthylene-d8	13.87	160	852621	37.25	ng/ul	0.01
51) 4-Nitrophenol-d4	14.50	143	69805	27.24	ng/ul	0.04
57) Fluorene-d10	15.19	176	591079	35.54	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.39	200	3921	1.29	ng/ul	0.04
70) Anthracene-d10	17.06	188	958416	39.36	ng/ul	0.02
76) Pyrene-d10	19.38	212	1074483	35.89	ng/ul	0.03
87) Benzo(a)pyrene-d12	23.26	264	720968	38.53	ng/ul	0.06

Target Compounds

					Ovalue	
6) Phenol	6.76	94	18969	2.573	ng/ul	94
14) Acetophenone	8.36	105	14391	1.357	ng/ul#	85
16) 4-Methylphenol	8.33	108	10682m	1.739	ng/ul	
28) Naphthalene	10.34	128	267936	14.276	ng/ul	99
34) 2-Methylnaphthalene	11.97	142	124633	8.724	ng/ul	87
40) 1,1'-Biphenyl	13.00	154	61544	3.554	ng/ul#	93
44) Dimethylphthalate	13.65	163	107604	5.879	ng/ul	99
47) Acenaphthylene	13.90	152	819551	37.882	ng/ul	99
49) Acenaphthene	14.25	153	490034	32.167	ng/ul	97
53) Dibenzofuran	14.59	168	813002	35.592	ng/ul	91
58) Fluorene	15.24	166	1199344	60.819	ng/ul	97
69) Phenanthrene	17.01	178	19843067m	682.350	ng/ul	
71) Anthracene	17.10	178	5648001	193.122	ng/ul	99
72) Carbazole	17.37	167	2006879	81.608	ng/ul	98
74) Fluoranthene	19.04	202	24519596m	705.733	ng/ul	
77) Pyrene	19.41	202	22924731m	594.238	ng/ul	
80) Benzo(a)anthracene	21.17	228	13555892	374.173	ng/ul	96
82) Chrysene	21.23	228	10569526m	312.736	ng/ul	
85) Benzo(b)fluoranthene	22.75	252	12839403	498.736	ng/ul#	98
86) Benzo(k)fluoranthene	22.79	252	3457955m	141.278	ng/ul	
88) Benzo(a)pyrene	23.31	252	8659671m	376.429	ng/ul	
89) Indeno(1,2,3-cd)pyrene	25.63	276	5167525m	231.487	ng/ul	
90) Dibenzo(a,h)anthracene	25.61	278	1267593m	68.337	ng/ul	

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
91) Benzo(q,h,i)perylene	26.31	276	3693048m	204.217	ng/ul	

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

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