

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_M\DATA\BM022618\
 Data File : BM014376.D
 Acq On : 27 Feb 2018 02:59
 Operator : SJ/JU
 Sample : J1646-09
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleID :
 BE5X3

Manual Integrations
 APPROVED

Sohil
 2/27/2018 4:58:56 PM

Quant Time: Feb 27 07:37:31 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	7.53	152	167717	20.00	ng/ul	0.00
18) Naphthalene-d8	10.30	136	762864	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.19	164	432800	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.94	188	864579	20.00	ng/ul	0.00
75) Chrysene-d12	21.16	240	584468	20.00	ng/ul	0.00
83) Perylene-d12	23.33	264	512546	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.10	96	19013m	4.85	ng/uL	0.00
5) Phenol-d5	6.73	99	449851	31.74	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	6.88	67	271042	31.59	ng/ul	0.00
9) 2-Chlorophenol-d4	7.07	132	364968	33.58	ng/ul	0.00
13) 4-Methylphenol-d8	8.25	113	324435	26.16	ng/ul	0.00
19) Nitrobenzene-d5	8.69	128	189961	33.70	ng/ul	0.00
22) 2-Nitrophenol-d4	9.40	143	204811	35.10	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	9.94	165	383162	31.70	ng/ul	0.01
29) 4-Chloroaniline-d4	10.46	131	332351	27.91	ng/ul	0.00
43) Dimethylphthalate-d6	13.61	166	1227563	34.35	ng/ul	0.00
46) Acenaphthylene-d8	13.87	160	1563741	35.48	ng/ul	0.00
51) 4-Nitrophenol-d4	14.46	143	115548	23.41	ng/ul	0.02
57) Fluorene-d10	15.19	176	996479	31.12	ng/ul	0.01
62) 4,6-Dinitro-2-methylphenol	15.35	200	36767	7.09	ng/ul	0.02
70) Anthracene-d10	17.04	188	1377344	33.02	ng/ul	0.00
76) Pyrene-d10	19.36	212	1244082	41.27	ng/ul	0.01
87) Benzo(a)pyrene-d12	23.20	264	836964	33.55	ng/ul	0.02

Target Compounds

					Qvalue	
28) Naphthalene	10.35	128	140730	3.592	ng/ul	97
34) 2-Methylnaphthalene	11.97	142	54111	1.814	ng/ul#	80
44) Dimethylphthalate	13.66	163	290421	8.240	ng/ul	98
47) Acenaphthylene	13.90	152	178992	4.297	ng/ul	93
49) Acenaphthene	14.25	153	215602	7.350	ng/ul	99
53) Dibenzofuran	14.59	168	207297	4.713	ng/ul	91
58) Fluorene	15.24	166	218070	5.743	ng/ul	98
69) Phenanthrene	16.99	178	4924204	98.853	ng/ul	99
71) Anthracene	17.08	178	722419	14.421	ng/ul	99
72) Carbazole	17.36	167	266376	6.324	ng/ul	98
74) Fluoranthene	19.03	202	5392492	90.609	ng/ul#	94
77) Pyrene	19.39	202	4697485	120.938	ng/ul#	93
80) Benzo(a)anthracene	21.14	228	1630009	44.686	ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.07	149	37238	1.619	ng/ul	96
82) Chrysene	21.20	228	1578280	46.382	ng/ul	97
85) Benzo(b)fluoranthene	22.69	252	1542022	44.932	ng/ul#	97
86) Benzo(k)fluoranthene	22.73	252	516844m	15.840	ng/ul	
88) Benzo(a)pyrene	23.24	252	1159108	37.796	ng/ul#	98
89) Indeno(1,2,3-cd)pyrene	25.50	276	685503	23.035	ng/ul	97
90) Dibenzo(a,h)anthracene	25.49	278	187224	7.571	ng/ul#	80
91) Benzo(g,h,i)perylene	26.16	276	517294	21.458	ng/ul#	93

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

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