

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM042318\
 Data File : BM014800.D
 Acq On : 24 Apr 2018 05:40
 Operator : SJ/JU
 Sample : J2431-15
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DASP6

Manual Integrations
 APPROVED

Sohil
 4/27/2018 7:32:21 PM

Quant Time: Apr 27 12:16:33 2018
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM041918.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Apr 24 02:13:13 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.53	152	397147	20.00	ng/ul	0.00
18) Naphthalene-d8	11.37	136	1652627	20.00	ng/ul	0.00
35) Acenaphthene-d10	15.13	164	831979	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.89	188	1555099m	20.00	ng/ul	0.05
75) Chrysene-d12	21.96	240	1813767	20.00	ng/ul	0.03
83) Perylene-d12	24.44	264	2073928m	20.00	ng/ul	0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.66	96	42537	4.68	ng/uL	0.00
5) Phenol-d5	7.65	99	780062	25.41	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.83	67	628322	31.91	ng/ul	0.00
9) 2-Chlorophenol-d4	8.05	132	649779	25.30	ng/ul	0.00
13) 4-Methylphenol-d8	9.22	113	593865	24.26	ng/ul	0.00
19) Nitrobenzene-d5	9.71	128	311150	26.04	ng/ul	0.00
22) 2-Nitrophenol-d4	10.44	143	320104	26.90	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.98	165	580639	24.02	ng/ul	0.00
29) 4-Chloroaniline-d4	11.49	131	838908	35.16	ng/ul	0.00
43) Dimethylphthalate-d6	14.52	166	1608849	24.77	ng/ul	0.00
46) Acenaphthylene-d8	14.83	160	2013462	25.11	ng/ul	0.00
51) 4-Nitrophenol-d4	15.29	143	261511	21.70	ng/ul	0.00
57) Fluorene-d10	16.12	176	1415886	25.07	ng/ul	0.01
62) 4,6-Dinitro-2-methylphenol	16.27	200	40434m	4.81	ng/ul	0.07
70) Anthracene-d10	18.00	188	1980949	27.33	ng/ul	0.06
76) Pyrene-d10	20.20	212	2038255	23.75	ng/ul	0.02
87) Benzo(a)pyrene-d12	24.28	264	2550183m	25.03	ng/ul	0.02

Target Compounds

					Qvalue	
28) Naphthalene	11.43	128	999803	12.415	ng/ul#	93
34) 2-Methylnaphthalene	13.00	142	4714550	84.302	ng/ul	97
40) 1,1'-Biphenyl	13.97	154	5269681	78.765	ng/ul#	97
44) Dimethylphthalate	14.57	163	288257	4.591	ng/ul#	97
47) Acenaphthylene	14.86	152	1872324	24.098	ng/ul#	91
49) Acenaphthene	15.20	153	20633876m	373.693	ng/ul	
53) Dibenzofuran	15.52	168	22313667m	291.015	ng/ul	
58) Fluorene	16.17	166	29775877m	480.932	ng/ul	
69) Phenanthrene	17.89	178	63105213m	755.612	ng/ul	
71) Anthracene	18.02	178	24258981m	286.217	ng/ul	
72) Carbazole	18.24	167	1744563	24.128	ng/ul	94
73) Di-n-butylphthalate	18.76	149	996661m	11.335	ng/ul	
74) Fluoranthene	19.85	202	45952589m	504.675	ng/ul	
77) Pyrene	20.22	202	40503463m	382.200	ng/ul	
78) Butylbenzylphthalate	21.04	149	1566867	36.241	ng/ul	91
80) Benzo(a)anthracene	21.92	228	28429558m	268.038	ng/ul	
81) Bis(2-ethylhexyl)phthalate	21.80	149	13569798	213.828	ng/ul#	84
82) Chrysene	21.98	228	24571605m	247.465	ng/ul	
84) Di-n-octyl phthalate	22.76	149	1556089m	13.045	ng/ul	
85) Benzo(b)fluoranthene	23.69	252	30250344m	247.433	ng/ul	
86) Benzo(k)fluoranthene	23.74	252	12776908m	108.682	ng/ul	
88) Benzo(a)pyrene	24.34	252	22665211m	195.439	ng/ul	
89) Indeno(1,2,3-cd)pyrene	27.03	276	9076188m	64.693	ng/ul	

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
90) Dibenzo(a,h)anthracene	27.03	278	2591079m	21.935	ng/ul	
91) Benzo(g,h,i)perylene	27.84	276	7131706m	61.790	ng/ul	

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

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