

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061317\
 Data File : BM010566.D
 Acq On : 13 Jun 2017 18:43
 Operator : SJ/MA
 Sample : I3558-15 10X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F5C88

Manual Integrations
 APPROVED

mohammad
 6/14/2017 2:57:18 PM

Quant Time: Jun 14 08:35:29 2017
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM052717.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jun 14 01:46:30 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.88	152	137892	20.00	ng/ul	0.00
18) Naphthalene-d8	10.76	136	862034	20.00	ng/ul	0.08
35) Acenaphthene-d10	14.53	164	470426	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.29	188	1120353m	20.00	ng/ul	0.02
75) Chrysene-d12	21.45	240	2152122m	20.00	ng/ul	0.01
83) Perylene-d12	23.78	264	1352623	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.38	96	513	0.15	ng/uL	0.02
5) Phenol-d5	7.07	99	14586	1.40	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.23	67	8610	1.47	ng/ul	0.00
9) 2-Chlorophenol-d4	7.42	132	13542	1.63	ng/ul	0.00
13) 4-Methylphenol-d8	8.60	113	12856	1.52	ng/ul	0.00
19) Nitrobenzene-d5	9.04	128	21257m	3.37	ng/ul	-0.03
22) 2-Nitrophenol-d4	9.78	143	8485	1.16	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.32	165	16412	1.09	ng/ul	0.02
29) 4-Chloroaniline-d4	10.86	131	280235m	19.33	ng/ul	0.00
43) Dimethylphthalate-d6	13.94	166	86280	2.21	ng/ul	0.01
46) Acenaphthylene-d8	14.22	160	76321	1.67	ng/ul	0.00
51) 4-Nitrophenol-d4	0.00	143	0d	0.00	ng/ul	
57) Fluorene-d10	15.52	176	65366	1.90	ng/ul	0.01
62) 4,6-Dinitro-2-methylphenol	15.69	200	12756m	1.61	ng/ul	0.04
70) Anthracene-d10	17.40	188	123612	2.27	ng/ul	0.03
76) Pyrene-d10	19.67	212	205276	2.31	ng/ul	0.02
87) Benzo(a)pyrene-d12	23.63	264	117981	1.87	ng/ul	0.00

Target Compounds

					Qvalue	
6) Phenol	7.10	94	54840	5.119	ng/ul	94
11) 2-Methylphenol	8.34	108	44851	5.736	ng/ul	98
16) 4-Methylphenol	8.67	108	118204	13.781	ng/ul	93
24) 2,4-Dimethylphenol	9.87	107	156676	8.689	ng/ul	96
28) Naphthalene	10.74	128	53194260m	1230.286	ng/ul	
34) 2-Methylnaphthalene	12.35	142	27823783m	848.755	ng/ul	
40) 1,1'-Biphenyl	13.36	154	11641327	305.047	ng/ul	96
42) 2-Nitroaniline	13.70	65	166276m	21.776	ng/ul	
44) Dimethylphthalate	13.99	163	39846	1.037	ng/ul#	96
47) Acenaphthylene	14.25	152	1825629	40.973	ng/ul#	97
49) Acenaphthene	14.59	153	24203449m	774.520	ng/ul	
53) Dibenzofuran	14.93	168	22724444m	491.781	ng/ul	
58) Fluorene	15.57	166	24069731m	635.021	ng/ul	
69) Phenanthrene	17.32	178	41773786m	698.438	ng/ul	
71) Anthracene	17.43	178	17614312m	282.101	ng/ul	
72) Carbazole	17.70	167	11659499	220.615	ng/ul	95
74) Fluoranthene	19.33	202	33069314m	449.618	ng/ul	
77) Pyrene	19.69	202	31827382m	286.991	ng/ul	
80) Benzo(a)anthracene	21.43	228	19837243m	163.456	ng/ul	
82) Chrysene	21.49	228	15566837	141.895	ng/ul#	71
85) Benzo(b)fluoranthene	23.08	252	15294513	194.323	ng/ul	99
86) Benzo(k)fluoranthene	23.11	252	5939343	78.992	ng/ul	99
88) Benzo(a)pyrene	23.69	252	9501385	121.788	ng/ul	99

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89) Indeno(1,2,3-cd)pyrene	26.16	276	2821338	28.624	ng/ul#	95
90) Dibenzo(a,h)anthracene	26.16	278	827540	9.748	ng/ul#	91
91) Benzo(g,h,i)perylene	26.90	276	1842376	22.689	ng/ul	98

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

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