

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062217\
 Data File : BM010674.D
 Acq On : 22 Jun 2017 23:45
 Operator : SJ/JU
 Sample : I3653-05 25X
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleID :
 F5B22

Manual Integrations
 APPROVED

mohammad
 6/26/2017 8:26:16 AM

Quant Time: Jun 23 06:31:47 2017
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jun 23 05:06:10 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.46	152	69242	20.00	ng/ul	0.00
18) Naphthalene-d8	10.24	136	315233	20.00	ng/ul	0.02
35) Acenaphthene-d10	14.12	164	220781	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.87	188	502961	20.00	ng/ul	0.00
75) Chrysene-d12	21.09	240	600358	20.00	ng/ul	0.00
83) Perylene-d12	23.23	264	476453	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	6.65	99	2985	0.45	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.82	67	2019	0.54	ng/ul	0.00
9) 2-Chlorophenol-d4	7.00	132	2346	0.51	ng/ul	0.00
13) 4-Methylphenol-d8	8.17	113	2793	0.51	ng/ul	0.00
19) Nitrobenzene-d5	8.63	128	5223	2.32	ng/ul	0.02
22) 2-Nitrophenol-d4	9.32	143	1494	0.58	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.86	165	3901	0.72	ng/ul	0.00
29) 4-Chloroaniline-d4	10.42	131	41181m	7.16	ng/ul	0.05
43) Dimethylphthalate-d6	13.54	166	17563	0.91	ng/ul	0.00
46) Acenaphthylene-d8	13.80	160	15677	0.70	ng/ul	0.00
51) 4-Nitrophenol-d4	14.32	143	3078	0.90	ng/ul	0.00
57) Fluorene-d10	15.12	176	15907	0.95	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.27	200	1115	0.36	ng/ul	0.03
70) Anthracene-d10	16.99	188	21846	0.90	ng/ul	0.02
76) Pyrene-d10	19.29	212	21717	0.78	ng/ul	0.01
87) Benzo(a)pyrene-d12	23.09	264	18807	0.82	ng/ul	0.00

Target Compounds

					Qvalue	
6) Phenol	6.67	94	7336	1.080	ng/ul	91
11) 2-Methylphenol	7.90	108	11421	2.206	ng/ul	83
16) 4-Methylphenol	8.23	108	28483	4.999	ng/ul	93
24) 2,4-Dimethylphenol	9.42	107	54478m	7.794	ng/ul	
28) Naphthalene	10.30	128	30076561m	1917.243	ng/ul	
34) 2-Methylnaphthalene	11.92	142	7674277	608.567	ng/ul	96
40) 1,1'-Biphenyl	12.94	154	1609045	93.220	ng/ul	99
47) Acenaphthylene	13.83	152	394302	18.364	ng/ul#	95
49) Acenaphthene	14.20	153	5544768	382.812	ng/ul	99
53) Dibenzofuran	14.53	168	5962486	271.821	ng/ul	92
54) 2,4-Dinitrotoluene	14.49	165	12317	2.413	ng/ul#	50
58) Fluorene	15.19	166	6384700	347.650	ng/ul	99
69) Phenanthrene	16.93	178	22136932m	827.881	ng/ul	
71) Anthracene	17.02	178	3890000	141.209	ng/ul	98
72) Carbazole	17.29	167	1790168	74.485	ng/ul	98
74) Fluoranthene	18.96	202	15844186	459.778	ng/ul#	89
77) Pyrene	19.33	202	11005774	317.381	ng/ul#	93
80) Benzo(a)anthracene	21.07	228	3281150	93.852	ng/ul	97
82) Chrysene	21.13	228	2306051	73.980	ng/ul	97
85) Benzo(b)fluoranthene	22.60	252	1522271	49.220	ng/ul	98
86) Benzo(k)fluoranthene	22.63	252	541455m	18.467	ng/ul	
88) Benzo(a)pyrene	23.13	252	867807	30.478	ng/ul	98
89) Indeno(1,2,3-cd)pyrene	25.33	276	244988	8.296	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
90) Dibenzo(a,h)anthracene	25.34	278	71124	2.890	ng/ul#	91
91) Benzo(g,h,i)perylene	25.97	276	146041	6.212	ng/ul	99

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

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