

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062217\
 Data File : BM010673.D
 Acq On : 22 Jun 2017 23:09
 Operator : SJ/JU
 Sample : I3653-06 25X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F5E19

Manual Integrations
 APPROVED

mohammad
 6/26/2017 8:26:13 AM

Quant Time: Jun 23 06:03:32 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	60374	20.00	ng/ul	0.00
18) Naphthalene-d8	10.24	136	272494	20.00	ng/ul	0.02
35) Acenaphthene-d10	14.12	164	193670	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.87	188	448132	20.00	ng/ul	0.00
75) Chrysene-d12	21.09	240	498088	20.00	ng/ul	0.00
83) Perylene-d12	23.22	264	359386	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	2072	0.36	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.82	67	1038	0.32	ng/ul	0.00
9) 2-Chlorophenol-d4	7.00	132	1344	0.33	ng/ul	0.00
13) 4-Methylphenol-d8	8.16	113	1718	0.36	ng/ul	0.00
19) Nitrobenzene-d5	8.64	128	1572	0.81	ng/ul	0.03
22) 2-Nitrophenol-d4	9.32	143	683	0.30	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.86	165	1819	0.39	ng/ul	0.00
29) 4-Chloroaniline-d4	10.42	131	19946m	4.01	ng/ul	0.05
43) Dimethylphthalate-d6	13.53	166	9771	0.57	ng/ul	0.00
46) Acenaphthylene-d8	13.80	160	8375	0.42	ng/ul	0.00
51) 4-Nitrophenol-d4	14.32	143	1823	0.61	ng/ul	0.00
57) Fluorene-d10	15.12	176	10604	0.72	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.26	200	967	0.35	ng/ul	0.02
70) Anthracene-d10	16.98	188	13659	0.63	ng/ul	0.01
76) Pyrene-d10	19.28	212	15426	0.67	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.09	264	9375	0.54	ng/ul	0.00

Target Compounds

					Qvalue	
16) 4-Methylphenol	8.23	108	5407	1.088	ng/ul	100
28) Naphthalene	10.30	128	20323419	1498.720	ng/ul#	91
34) 2-Methylnaphthalene	11.92	142	3852593	353.426	ng/ul	96
40) 1,1'-Biphenyl	12.94	154	916071	60.502	ng/ul	98
47) Acenaphthylene	13.83	152	258126	13.705	ng/ul#	96
49) Acenaphthene	14.19	153	3269113	257.295	ng/ul	99
53) Dibenzofuran	14.53	168	3666547	190.551	ng/ul	93
54) 2,4-Dinitrotoluene	14.48	165	7292	1.628	ng/ul#	40
58) Fluorene	15.19	166	3963232	246.009	ng/ul	100
69) Phenanthrene	16.93	178	17404635m	730.540	ng/ul	
71) Anthracene	17.02	178	2328632	94.873	ng/ul	99
72) Carbazole	17.28	167	1142826	53.368	ng/ul	98
74) Fluoranthene	18.96	202	11750171	382.693	ng/ul#	93
77) Pyrene	19.32	202	7404722	257.379	ng/ul#	95
80) Benzo(a)anthracene	21.07	228	2108998	72.710	ng/ul	97
82) Chrysene	21.13	228	1575199	60.910	ng/ul	96
85) Benzo(b)fluoranthene	22.59	252	966198	41.416	ng/ul	97
86) Benzo(k)fluoranthene	22.63	252	307585m	13.908	ng/ul	
88) Benzo(a)pyrene	23.13	252	535882	24.951	ng/ul	100
89) Indeno(1,2,3-cd)pyrene	25.33	276	152283	6.836	ng/ul	96
90) Dibenzo(a,h)anthracene	25.33	278	44121	2.377	ng/ul#	80
91) Benzo(g,h,i)perylene	25.97	276	93921	5.297	ng/ul#	97

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

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