

Data Path : Z:\HPCHEM1\BNA_M\Data\BM073015\
 Data File : BM002140.D
 Acq On : 30 Jul 2015 17:19
 Operator : TP/UM
 Sample : G3048-10RE
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C01X4RE

Manual Integrations
 APPROVED

MMDadoda
 8/3/2015 11:53:52 AM

Quant Time: Aug 07 18:32:56 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072715.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jul 31 01:27:14 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	149373	20.00	ng/ul	0.01
18) Naphthalene-d8	10.39	136	634237	20.00	ng/ul	0.02
36) Acenaphthene-d10	14.27	164	376881	20.00	ng/ul	0.02
62) Phenanthrene-d10	17.02	188	739854	20.00	ng/ul	0.02
78) Chrysene-d12	21.23	240	714754	20.00	ng/ul	0.02
86) Perylene-d12	23.44	264	695032	20.00	ng/ul	0.04

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.06	96	4865	1.69	ng/uL	0.00
5) Phenol-d5	6.79	99	107868	10.10	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	6.93	67	67115	11.37	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	99823	11.03	ng/ul	0.01
13) 4-Methylphenol-d8	8.32	113	47085	5.55	ng/ul	0.02
19) Nitrobenzene-d5	8.76	128	51494	11.42	ng/ul	0.00
22) 2-Nitrophenol-d4	9.48	143	50290	10.04	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.02	165	94988	9.85	ng/ul	0.02
29) 4-Chloroaniline-d4	10.53	131	39328	3.71	ng/ul	0.01
44) Dimethylphthalate-d6	13.68	166	315558	11.43	ng/ul	0.01
47) Acenaphthylene-d8	13.96	160	334714	9.70	ng/ul	0.01
52) 4-Nitrophenol-d4	14.51	143	23749	5.15	ng/ul	0.04
58) Fluorene-d10	15.26	176	234462	9.65	ng/ul	0.01
63) 4,6-Dinitro-2-methylphenol	15.41	200	2155	0.48	ng/ul	0.02
71) Anthracene-d10	17.12	188	312874	9.47	ng/ul	0.02
79) Pyrene-d10	19.43	212	308341	10.25	ng/ul	0.02
90) Benzo(a)pyrene-d12	23.30	264	297357	8.83	ng/ul	0.04

Target Compounds

					Qvalue
14) Acetophenone	8.42	105	18095	1.35 ng/ul	95
28) Naphthalene	10.44	128	140242	4.65 ng/ul#	85
34) 2-Methylnaphthalene	12.06	142	430295	19.63 ng/ul	98
41) 1,1'-Biphenyl	13.09	154	39293	1.35 ng/ul	99
45) Dimethylphthalate	13.72	163	151177	5.48 ng/ul	98
50) Acenaphthene	14.33	153	50756	2.17 ng/ul	97
54) Dibenzofuran	14.67	168	43978	1.31 ng/ul#	84
59) Fluorene	15.32	166	66920	2.42 ng/ul#	95
70) Phenanthrene	17.06	178	473559	12.36 ng/ul	98
72) Anthracene	17.16	178	123542m	3.15 ng/ul	
77) Fluoranthene	19.09	202	808837	18.28 ng/ul	99
80) Pyrene	19.46	202	671087	17.25 ng/ul	98
83) Benzo(a)anthracene	21.21	228	327121	8.26 ng/ul	95
84) Bis(2-ethylhexyl)phthalate	21.13	149	552347	24.29 ng/ul	99
85) Chrysene	21.26	228	332082m	8.96 ng/ul	
88) Benzo(b)fluoranthene	22.78	252	395338	10.12 ng/ul#	89
89) Benzo(k)fluoranthene	22.82	252	128833m	3.42 ng/ul	
91) Benzo(a)pyrene	23.34	252	225360	5.98 ng/ul#	85
92) Indeno(1,2,3-cd)pyrene	25.67	276	176629	4.07 ng/ul	98
93) Dibenzo(a,h)anthracene	25.67	278	53088	1.43 ng/ul#	62
94) Benzo(g,h,i)perylene	26.36	276	177676	4.88 ng/ul	93

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

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