

Data Path : Z:\HPCHEM1\BNA_M\Data\BM073015\
 Data File : BM002139.D
 Acq On : 30 Jul 2015 16:42
 Operator : TP/UM
 Sample : G3048-07RE
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C01X0RE

Manual Integrations
 APPROVED

MMDadoda
 8/10/2015 10:20:22 AM

Quant Time: Aug 07 18:31:57 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	196348	20.00	ng/ul	0.01
18) Naphthalene-d8	10.39	136	797058	20.00	ng/ul	0.01
36) Acenaphthene-d10	14.27	164	429314	20.00	ng/ul	0.02
62) Phenanthrene-d10	17.02	188	850884	20.00	ng/ul	0.02
78) Chrysene-d12	21.23	240	988736	20.00	ng/ul	0.03
86) Perylene-d12	23.45	264	975150	20.00	ng/ul	0.05

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.06	96	7059	1.86	ng/uL	0.00
5) Phenol-d5	6.79	99	176935	12.61	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	6.93	67	107870	13.90	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	158997	13.36	ng/ul	0.01
13) 4-Methylphenol-d8	8.32	113	103700	9.29	ng/ul	0.02
19) Nitrobenzene-d5	8.76	128	78501	13.86	ng/ul	0.00
22) 2-Nitrophenol-d4	9.47	143	84014	13.34	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.02	165	148796	12.27	ng/ul	0.02
29) 4-Chloroaniline-d4	10.53	131	52752	3.96	ng/ul	0.01
44) Dimethylphthalate-d6	13.68	166	430643	13.69	ng/ul	0.01
47) Acenaphthylene-d8	13.96	160	495704	12.61	ng/ul	0.01
52) 4-Nitrophenol-d4	14.50	143	30490	5.81	ng/ul	0.02
58) Fluorene-d10	15.27	176	340756	12.32	ng/ul	0.02
63) 4,6-Dinitro-2-methylphenol	15.42	200	9025	1.73	ng/ul	0.03
71) Anthracene-d10	17.12	188	476460	12.54	ng/ul	0.02
79) Pyrene-d10	19.43	212	525523	12.63	ng/ul	0.03
90) Benzo(a)pyrene-d12	23.31	264	536071	11.34	ng/ul	0.05

Target Compounds

					Qvalue
28) Naphthalene	10.44	128	100273	2.65 ng/ul	98
34) 2-Methylnaphthalene	12.06	142	54173	1.97 ng/ul	100
45) Dimethylphthalate	13.73	163	192728	6.14 ng/ul	100
48) Acenaphthylene	13.99	152	82244	2.03 ng/ul#	86
50) Acenaphthene	14.33	153	83124	3.13 ng/ul	98
54) Dibenzofuran	14.67	168	73653	1.93 ng/ul#	86
59) Fluorene	15.32	166	135197	4.29 ng/ul#	94
70) Phenanthrene	17.07	178	1688613	38.31 ng/ul	99
72) Anthracene	17.16	178	379039	8.41 ng/ul	98
75) Carbazole	17.43	167	97938	2.54 ng/ul#	80
76) Di-n-butylphthalate	17.99	149	102252	2.23 ng/ul#	88
77) Fluoranthene	19.10	202	2397411	47.11 ng/ul	99
80) Pyrene	19.47	202	2392513	44.47 ng/ul	98
83) Benzo(a)anthracene	21.22	228	1272495	23.22 ng/ul	96
84) Bis(2-ethylhexyl)phthalate	21.13	149	67791	2.15 ng/ul#	79
85) Chrysene	21.27	228	1237053	24.12 ng/ul	96
88) Benzo(b)fluoranthene	22.79	252	1548109	28.25 ng/ul#	94
89) Benzo(k)fluoranthene	22.82	252	420979m	7.96 ng/ul	
91) Benzo(a)pyrene	23.36	252	1092919	20.66 ng/ul#	96
92) Indeno(1,2,3-cd)pyrene	25.69	276	725653	11.91 ng/ul	96
93) Dibenzo(a,h)anthracene	25.68	278	211635	4.06 ng/ul#	87
94) Benzo(g,h,i)perylene	26.38	276	670164	13.12 ng/ul	96

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

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