

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101317\
 Data File : BM012157.D
 Acq On : 14 Oct 2017 05:03
 Operator : SJ/JU
 Sample : I5649-04MS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B-59(FILL)-100317MS

Manual Integrations
 APPROVED

Sohil
 10/15/2017 12:44:46 PM

Quant Time: Oct 15 05:32:33 2017

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M

Quant Title : SVOA CALIBRATION

QLast Update : Sun Oct 15 05:27:50 2017

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	221970	20.00	ng/ul	0.00
18) Naphthalene-d8	10.62	136	928934	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.47	164	506707	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.22	188	992021	20.00	ng/ul	0.00
75) Chrysene-d12	21.40	240	860360	20.00	ng/ul	0.00
83) Perylene-d12	23.72	264	903455	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.23	96	18935	4.05	ng/uL	0.00
5) Phenol-d5	6.99	99	489964	27.20	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.15	67	287763	26.64	ng/ul	0.00
9) 2-Chlorophenol-d4	7.35	132	416203	27.25	ng/ul	0.00
13) 4-Methylphenol-d8	8.53	113	422522	27.25	ng/ul	0.00
19) Nitrobenzene-d5	8.99	128	205363	28.97	ng/ul	0.00
22) 2-Nitrophenol-d4	9.71	143	246338	29.74	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.25	165	457750	28.95	ng/ul	0.00
29) 4-Chloroaniline-d4	10.77	131	278666	18.83	ng/ul	0.00
43) Dimethylphthalate-d6	13.88	166	1391176	31.06	ng/ul	0.00
46) Acenaphthylene-d8	14.17	160	1694357	31.25	ng/ul	0.00
51) 4-Nitrophenol-d4	14.69	143	155234	23.06	ng/ul	0.00
57) Fluorene-d10	15.47	176	1113805	30.30	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.60	200	177501	26.07	ng/ul	0.00
70) Anthracene-d10	17.32	188	1520987	31.01	ng/ul	0.00
76) Pyrene-d10	19.62	212	1519218	34.79	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.57	264	1402402	32.20	ng/ul	0.00

Target Compounds

						Qvalue
6) Phenol	7.02	94	550623	29.58	ng/ul#	86
10) 2-Chlorophenol	7.38	128	449137	28.81	ng/ul	99
14) Acetophenone	8.65	105	100643	4.27	ng/ul	86
15) N-Nitroso-di-n-propylamine	8.63	70	310043	24.55	ng/ul#	69
28) Naphthalene	10.67	128	63842	1.33	ng/ul	99
33) 4-Chloro-3-methylphenol	11.92	107	504293	30.90	ng/ul	96
44) Dimethylphthalate	13.93	163	453789	10.11	ng/ul	99
49) Acenaphthene	14.54	153	1002090	27.95	ng/ul	100
52) 4-Nitrophenol	14.70	109	160091	26.46	ng/ul#	79
54) 2,4-Dinitrotoluene	14.86	165	335202	25.97	ng/ul#	83
68) Pentachlorophenol	16.87	266	219402	29.24	ng/ul	97
69) Phenanthrene	17.26	178	505660	8.96	ng/ul	98
71) Anthracene	17.35	178	111440	1.91	ng/ul	95
74) Fluoranthene	19.28	202	1163412	17.08	ng/ul#	93
77) Pyrene	19.64	202	2966074	52.20	ng/ul#	93
80) Benzo(a)anthracene	21.39	228	618125	11.04	ng/ul	97
81) Bis(2-ethylhexyl)phthalate	21.29	149	88121	2.32	ng/ul	100
82) Chrysene	21.43	228	626130	11.91	ng/ul	96
85) Benzo(b)fluoranthene	23.02	252	855706m	14.51	ng/ul	
86) Benzo(k)fluoranthene	23.04	252	255694m	4.50	ng/ul	
88) Benzo(a)pyrene	23.62	252	604523	10.88	ng/ul#	97
89) Indeno(1,2,3-cd)pyrene	26.08	276	448839	7.61	ng/ul#	96
90) Dibenzo(a,h)anthracene	26.09	278	112622	2.27	ng/ul#	75

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
91) Benzo(g,h,i)perylene	26.81	276	396514	8.20	ng/ul#	92

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

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