

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM042517\
 Data File : BM009707.D
 Acq On : 25 Apr 2017 14:48
 Operator : SJ/MA
 Sample : I2779-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 X2928

Manual Integrations
 APPROVED

mohammad
 4/26/2017 2:20:14 PM

Quant Time: Apr 26 03:29:01 2017

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM042517.M

Quant Title : SVOA CALIBRATION

QLast Update : Tue Apr 25 13:32:43 2017

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	138363	20.00	ng/ul	0.00
18) Naphthalene-d8	10.62	136	624181	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.47	164	424255	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.22	188	1047727	20.00	ng/ul	0.00
75) Chrysene-d12	21.40	240	1319942	20.00	ng/ul	0.00
83) Perylene-d12	23.72	264	1059595	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.30	96	19484	6.48	ng/uL	0.00
5) Phenol-d5	6.99	99	455631	30.31	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.16	67	331740	32.37	ng/ul	0.00
9) 2-Chlorophenol-d4	7.36	132	312323	32.66	ng/ul	0.00
13) 4-Methylphenol-d8	8.53	113	375129	32.01	ng/ul	0.00
19) Nitrobenzene-d5	8.99	128	164300	32.34	ng/ul	0.00
22) 2-Nitrophenol-d4	9.71	143	184494	34.52	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.24	165	356923	33.39	ng/ul	0.00
29) 4-Chloroaniline-d4	10.77	131	459564	35.68	ng/ul	0.00
43) Dimethylphthalate-d6	13.88	166	1237781	33.54	ng/ul	0.00
46) Acenaphthylene-d8	14.17	160	1499534	33.69	ng/ul	0.00
51) 4-Nitrophenol-d4	14.68	143	221132	31.05	ng/ul	0.00
57) Fluorene-d10	15.47	176	1092102	32.78	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.60	200	215156	29.11	ng/ul	0.00
70) Anthracene-d10	17.32	188	1781797	33.12	ng/ul	0.00
76) Pyrene-d10	19.62	212	2057399	35.32	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.57	264	1769253	34.33	ng/ul	0.00

Target Compounds

						Qvalue
6) Phenol	7.02	94	280924	18.08	ng/ul#	65
10) 2-Chlorophenol	7.39	128	184813	18.88	ng/ul#	80
12) 2,2'-oxybis(1-Chloropropan	8.36	45	539849m	27.71	ng/ul	
17) Hexachloroethane	8.90	117	84586	18.60	ng/ul	93
27) 2,4-Dichlorophenol	10.27	162	206035	19.55	ng/ul#	88
28) Naphthalene	10.67	128	653364	19.65	ng/ul	96
31) Hexachlorobutadiene	10.94	225	199671	27.13	ng/ul	96
45) 2,6-Dinitrotoluene	14.06	165	216314	29.51	ng/ul#	70
49) Acenaphthene	14.54	153	589213	19.74	ng/ul	98
54) 2,4-Dinitrotoluene	14.85	165	319211	28.89	ng/ul#	69
56) Diethylphthalate	15.29	149	922472	23.17	ng/ul	97
58) Fluorene	15.52	166	701506	18.80	ng/ul	96
66) Hexachlorobenzene	16.52	284	305207	23.30	ng/ul#	93
68) Pentachlorophenol	16.87	266	338955	42.00	ng/ul#	85
71) Anthracene	17.36	178	1040269	16.51	ng/ul	97
77) Pyrene	19.64	202	1495349	20.06	ng/ul#	88
78) Butylbenzylphthalate	20.53	149	1333471	43.14	ng/ul	90
80) Benzo(a)anthracene	21.39	228	1488954	19.02	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.30	149	1545906	33.01	ng/ul	98
82) Chrysene	21.44	228	1447513	20.55	ng/ul	99
85) Benzo(b)fluoranthene	23.02	252	2345598	34.09	ng/ul#	97
86) Benzo(k)fluoranthene	23.06	252	1196279	18.98	ng/ul#	97
88) Benzo(a)pyrene	23.61	252	1160145	18.12	ng/ul#	98

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89) Indeno(1,2,3-cd)pyrene	26.08	276	1805964	26.06	ng/ul#	89
90) Dibenzo(a,h)anthracene	26.08	278	1352448	22.91	ng/ul#	95

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

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