

Data Path : Z:\HPCHEM1\BNA M\DATA\BM102717\
 Data File : BM012515.D
 Acq On : 28 Oct 2017 09:03
 Operator : SJ/JU
 Sample : I5786-02MS 5X
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B-38(FILL)_100917MS

Manual Integrations
 APPROVED

Sohil
 10/30/2017 6:31:09 PM

Quant Time: Oct 30 07:04:51 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Oct 30 05:30:34 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.87	152	504439	20.00	ng/ul	0.00
18) Naphthalene-d8	10.66	136	1850030	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.50	164	1060102	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.24	188	2367483	20.00	ng/ul	0.00
75) Chrysene-d12	21.42	240	2766812	20.00	ng/ul	0.00
83) Perylene-d12	23.73	264	3098989	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.36	96	18221m	1.84	ng/uL	0.00
5) Phenol-d5	7.04	99	321549	7.63	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.20	67	197749	7.90	ng/ul	0.00
9) 2-Chlorophenol-d4	7.40	132	262076	8.30	ng/ul	0.00
13) 4-Methylphenol-d8	8.57	113	284583	7.90	ng/ul	0.00
19) Nitrobenzene-d5	9.02	128	114758	9.90	ng/ul	0.00
22) 2-Nitrophenol-d4	9.75	143	129009	10.81	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.29	165	259240	8.20	ng/ul	0.00
29) 4-Chloroaniline-d4	10.80	131	52227	1.57	ng/ul	0.00
43) Dimethylphthalate-d6	13.91	166	741123	8.00	ng/ul	0.00
46) Acenaphthylene-d8	14.19	160	935872	8.54	ng/ul	0.00
51) 4-Nitrophenol-d4	14.70	143	92169	6.69	ng/ul	0.00
57) Fluorene-d10	15.49	176	633374	8.08	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.62	200	52561	4.59	ng/ul	0.00
70) Anthracene-d10	17.34	188	977807	8.67	ng/ul	0.00
76) Pyrene-d10	19.63	212	1080323	8.51	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.58	264	1218290	8.27	ng/ul	0.01

Target Compounds

					Ovalue	
6) Phenol	7.07	94	369930	8.431	ng/ul#	83
10) 2-Chlorophenol	7.44	128	235992	7.307	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.67	70	165893	5.372	ng/ul#	66
28) Naphthalene	10.71	128	121649	1.326	ng/ul	97
33) 4-Chloro-3-methylphenol	11.95	107	223835	6.459	ng/ul	96
44) Dimethylphthalate	13.95	163	130283	1.422	ng/ul	98
47) Acenaphthylene	14.22	152	548823	5.249	ng/ul	99
49) Acenaphthene	14.56	153	604059	8.435	ng/ul	98
52) 4-Nitrophenol	14.71	109	75145	5.380	ng/ul	89
53) Dibenzofuran	14.90	168	148534	1.402	ng/ul	99
54) 2,4-Dinitrotoluene	14.86	165	142866	6.553	ng/ul#	82
58) Fluorene	15.55	166	198119	2.210	ng/ul	97
68) Pentachlorophenol	16.90	266	110454	6.438	ng/ul	98
69) Phenanthrene	17.29	178	4222483	32.981	ng/ul	99
71) Anthracene	17.37	178	1266086	9.568	ng/ul	98
72) Carbazole	17.64	167	434200	3.961	ng/ul	99
73) Di-n-butylphthalate	18.20	149	185311	1.326	ng/ul#	94
74) Fluoranthene	19.30	202	9894621	68.205	ng/ul#	91
77) Pyrene	19.66	202	9775894	62.132	ng/ul#	91
80) Benzo(a)anthracene	21.40	228	5884676	35.518	ng/ul	96
81) Bis(2-ethylhexyl)phthalate	21.33	149	10580019	112.180	ng/ul#	85
82) Chrysene	21.45	228	5413347	36.748	ng/ul	96
85) Benzo(b)fluoranthene	23.04	252	8458713	44.155	ng/ul#	97

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86) Benzo(k)fluoranthene	23.07	252	2878684m	15.966	ng/ul	
88) Benzo(a)pyrene	23.63	252	6030902	33.019	ng/ul#	97
89) Indeno(1,2,3-cd)pyrene	26.08	276	4742158	22.060	ng/ul#	97
90) Dibenzo(a,h)anthracene	26.08	278	1284626	7.049	ng/ul#	89
91) Benzo(g,h,i)perylene	26.80	276	3574527	20.518	ng/ul#	95

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

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