

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101217\
 Data File : BM012124.D
 Acq On : 13 Oct 2017 06:28
 Operator : SJ/JU
 Sample : I5533-09
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B-54(1-2)-092817

Manual Integrations
 APPROVED

Sohil
 10/15/2017 12:37:08 PM

Quant Time: Oct 14 23:42:51 2017
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Oct 13 04:53:53 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	448950	20.00	ng/ul	0.02
18) Naphthalene-d8	10.66	136	1794044	20.00	ng/ul	0.02
35) Acenaphthene-d10	14.50	164	904066	20.00	ng/ul	0.02
61) Phenanthrene-d10	17.27	188	1727235	20.00	ng/ul	0.04
75) Chrysene-d12	21.47	240	2515743	20.00	ng/ul	0.06
83) Perylene-d12	23.83	264	2578033	20.00	ng/ul	0.11

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.25	96	19514m	2.07	ng/uL	0.00
5) Phenol-d5	7.02	99	447160	12.28	ng/ul	0.03
7) Bis-(2-Chloroethyl)ether-d	7.17	67	269838	12.35	ng/ul	0.02
9) 2-Chlorophenol-d4	7.38	132	394614	12.77	ng/ul	0.02
13) 4-Methylphenol-d8	8.56	113	394614	12.58	ng/ul	0.02
19) Nitrobenzene-d5	9.02	128	181872	13.28	ng/ul	0.02
22) 2-Nitrophenol-d4	9.74	143	183360	11.46	ng/ul	0.02
26) 2,4-Dichlorophenol-d3	10.29	165	395898	12.96	ng/ul	0.03
29) 4-Chloroaniline-d4	10.80	131	282522m	9.88	ng/ul	0.02
43) Dimethylphthalate-d6	13.90	166	1095372	13.71	ng/ul	0.02
46) Acenaphthylene-d8	14.20	160	1313191	13.58	ng/ul	0.02
51) 4-Nitrophenol-d4	14.74	143	87081m	7.25	ng/ul	0.06
57) Fluorene-d10	15.50	176	832454	12.69	ng/ul	0.02
62) 4,6-Dinitro-2-methylphenol	15.65	200	1156	0.10	ng/ul	0.05
70) Anthracene-d10	17.37	188	1220484	14.29	ng/ul	0.05
76) Pyrene-d10	19.67	212	1491480	11.68	ng/ul	0.05
87) Benzo(a)pyrene-d12	23.68	264	1761764	14.18	ng/ul	0.11

Target Compounds

						Qvalue
6) Phenol	7.05	94	70328	1.87	ng/ul	88
16) 4-Methylphenol	8.63	108	45130	1.45	ng/ul	100
28) Naphthalene	10.71	128	7595311	81.83	ng/ul	100
34) 2-Methylnaphthalene	12.32	142	3313885	47.31	ng/ul	97
40) 1,1'-Biphenyl	13.33	154	1196678	15.68	ng/ul	99
44) Dimethylphthalate	13.95	163	266867	3.33	ng/ul	100
47) Acenaphthylene	14.23	152	1135697	11.96	ng/ul#	96
49) Acenaphthene	14.57	153	7278905	113.78	ng/ul	99
53) Dibenzofuran	14.91	168	9010928	97.82	ng/ul	100
58) Fluorene	15.56	166	11240762	146.93	ng/ul	98
69) Phenanthrene	17.30	178	35593033m	362.24	ng/ul	
71) Anthracene	17.40	178	18084173m	177.78	ng/ul	
72) Carbazole	17.67	167	7469558	86.76	ng/ul	98
74) Fluoranthene	19.32	202	34654057m	292.25	ng/ul	
77) Pyrene	19.69	202	33839992m	203.68	ng/ul	
80) Benzo(a)anthracene	21.43	228	28310295m	172.94	ng/ul	
82) Chrysene	21.49	228	23663012m	153.97	ng/ul	
85) Benzo(b)fluoranthene	23.10	252	34256945m	203.62	ng/ul	
86) Benzo(k)fluoranthene	23.16	252	13250061m	81.73	ng/ul	
88) Benzo(a)pyrene	23.73	252	31517758m	198.77	ng/ul	
89) Indeno(1,2,3-cd)pyrene	26.33	276	27172315m	161.37	ng/ul	
90) Dibenzo(a,h)anthracene	26.29	278	7267346	51.34	ng/ul#	80
91) Benzo(g,h,i)perylene	27.09	276	24660603m	178.81	ng/ul	

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

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