

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM110817\
 Data File : BM012842.D
 Acq On : 09 Nov 2017 04:16
 Operator : SJ/JU
 Sample : I6032-02
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B-31(5-5.5)-101817

Manual Integrations
 APPROVED

Sohil
 11/9/2017 3:49:03 PM

Quant Time: Nov 09 06:12:38 2017
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM110417MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Nov 09 05:48:58 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	174805	20.00	ng/ul	0.00
18) Naphthalene-d8	10.59	136	722497	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.44	164	415649	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.19	188	785464	20.00	ng/ul	0.00
77) Chrysene-d12	21.38	240	743979	20.00	ng/ul	0.01
85) Perylene-d12	23.67	264	848589	20.00	ng/ul	0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.29	96	13825m	4.27	ng/uL	0.00
5) Phenol-d5	6.98	99	325265	25.01	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.13	67	184806	26.22	ng/ul	0.00
9) 2-Chlorophenol-d4	7.34	132	285870	26.38	ng/ul	0.00
13) 4-Methylphenol-d8	8.52	113	264064	23.52	ng/ul	0.00
19) Nitrobenzene-d5	8.96	128	142900	26.77	ng/ul	0.00
22) 2-Nitrophenol-d4	9.68	143	158085	25.88	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.22	165	309866	24.75	ng/ul	0.00
29) 4-Chloroaniline-d4	10.73	131	206908	17.12	ng/ul	0.00
43) Dimethylphthalate-d6	13.85	166	980753	28.51	ng/ul	0.00
46) Acenaphthylene-d8	14.13	160	1162649	27.33	ng/ul	0.00
51) 4-Nitrophenol-d4	14.67	143	86653	15.72	ng/ul	0.00
57) Fluorene-d10	15.44	176	799296	27.13	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.59	200	9469	1.83	ng/ul	0.02
70) Anthracene-d10	17.30	188	1102365	29.05	ng/ul	0.01
78) Pyrene-d10	19.59	212	1043007	30.21	ng/ul	0.01
89) Benzo(a)pyrene-d12	23.53	264	1235197	30.78	ng/ul	0.02

Target Compounds

					Qvalue	
6) Phenol	7.00	94	33242	2.490	ng/ul	93
28) Naphthalene	10.65	128	282832	7.830	ng/ul	100
34) 2-Methylnaphthalene	12.26	142	73989	2.680	ng/ul	97
44) Dimethylphthalate	13.90	163	214707	6.291	ng/ul	99
47) Acenaphthylene	14.16	152	57822	1.402	ng/ul#	94
49) Acenaphthene	14.51	153	329538	11.731	ng/ul	95
53) Dibenzofuran	14.84	168	377475	9.213	ng/ul	91
58) Fluorene	15.49	166	370517	10.886	ng/ul	99
60) 4-Nitroaniline	15.52	138	17514	2.612	ng/ul	95
69) Phenanthrene	17.25	178	10710160	249.467	ng/ul	99
71) Anthracene	17.33	178	2535874	56.968	ng/ul	100
74) Carbazole	17.60	167	470431	12.671	ng/ul	97
75) Di-n-butylphthalate	18.15	149	83804	1.926	ng/ul	97
76) Fluoranthene	19.27	202	12203213	236.540	ng/ul	97
79) Pyrene	19.63	202	9575853	215.730	ng/ul	96
82) Benzo(a)anthracene	21.37	228	5116591	113.653	ng/ul	98
83) Bis(2-ethylhexyl)phthalate	21.28	149	75397	3.197	ng/ul#	88
84) Chrysene	21.42	228	4672734	114.527	ng/ul	97
87) Benzo(b)fluoranthene	22.99	252	5860648	113.012	ng/ul#	96
88) Benzo(k)fluoranthene	23.03	252	2150545m	43.628	ng/ul	
90) Benzo(a)pyrene	23.59	252	4124611m	83.586	ng/ul	
91) Indeno(1,2,3-cd)pyrene	26.01	276	2949683	49.598	ng/ul#	85
92) Dibenzo(a,h)anthracene	26.00	278	805123	15.992	ng/ul	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) Benzo(g,h,i)perylene	26.73	276	2362648	48.212	ng/ul#	91

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

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