

Data Path : Z:\HPCHEM1\BNA M\DATA\BM022818\
 Data File : BM014424.D
 Acq On : 01 Mar 2018 05:09
 Operator : SJ/JU
 Sample : J1646-02
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BE5W8

Manual Integrations
 APPROVED

Sohil
 3/1/2018 5:15:41 PM

Quant Time: Mar 01 07:21:34 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Mar 01 03:03:26 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.51	152	123764	20.00	ng/ul	0.00
18) Naphthalene-d8	10.28	136	584144	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.17	164	360209	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.93	188	813801	20.00	ng/ul	0.00
75) Chrysene-d12	21.16	240	816649	20.00	ng/ul	0.00
83) Perylene-d12	23.34	264	628288	20.00	ng/ul	0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.09	96	12083	4.18	ng/uL	0.00
5) Phenol-d5	6.72	99	297484	28.44	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.86	67	178647	28.21	ng/ul	0.00
9) 2-Chlorophenol-d4	7.06	132	241459	30.10	ng/ul	0.00
13) 4-Methylphenol-d8	8.25	113	234885	25.66	ng/ul	0.00
19) Nitrobenzene-d5	8.67	128	128973	29.88	ng/ul	0.00
22) 2-Nitrophenol-d4	9.39	143	147343	32.98	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.93	165	258156	27.90	ng/ul	0.00
29) 4-Chloroaniline-d4	10.46	131	202439	22.20	ng/ul	0.01
43) Dimethylphthalate-d6	13.60	166	903982	30.39	ng/ul	0.00
46) Acenaphthylene-d8	13.86	160	1152776	31.43	ng/ul	0.00
51) 4-Nitrophenol-d4	14.45	143	86481	21.06	ng/ul	0.01
57) Fluorene-d10	15.17	176	770362	28.91	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.35	200	50192	10.28	ng/ul	0.00
70) Anthracene-d10	17.03	188	1216040	30.97	ng/ul	0.00
76) Pyrene-d10	19.35	212	1375551	32.66	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.21	264	935222	30.58	ng/ul	0.02

Target Compounds

					Ovalue	
6) Phenol	6.75	94	39713	3.618	ng/ul#	82
14) Acetophenone	8.35	105	24737	1.567	ng/ul	89
28) Naphthalene	10.33	128	74819	2.494	ng/ul#	96
34) 2-Methylnaphthalene	11.96	142	47766	2.092	ng/ul	90
44) Dimethylphthalate	13.65	163	293039	9.990	ng/ul	98
47) Acenaphthylene	13.89	152	91510	2.639	ng/ul	95
49) Acenaphthene	14.24	153	74909	3.068	ng/ul	100
53) Dibenzofuran	14.58	168	71494	1.953	ng/ul	99
58) Fluorene	15.23	166	93998	2.974	ng/ul	99
69) Phenanthrene	16.98	178	1665527	35.521	ng/ul	99
71) Anthracene	17.07	178	360179	7.638	ng/ul	98
72) Carbazole	17.35	167	172801	4.358	ng/ul#	96
73) Di-n-butylphthalate	17.91	149	97678	1.910	ng/ul#	94
74) Fluoranthene	19.02	202	2656170	47.416	ng/ul#	94
77) Pyrene	19.38	202	2389608	44.030	ng/ul#	93
78) Butylbenzylphthalate	20.30	149	217814	9.707	ng/ul	87
80) Benzo(a)anthracene	21.14	228	1191773	23.383	ng/ul	97
81) Bis(2-ethylhexyl)phthalate	21.08	149	19238952m	598.629	ng/ul	
82) Chrysene	21.20	228	1196816	25.172	ng/ul	97
85) Benzo(b)fluoranthene	22.70	252	1233453	29.320	ng/ul#	96
86) Benzo(k)fluoranthene	22.73	252	422241m	10.557	ng/ul	
88) Benzo(a)pyrene	23.25	252	812366	21.610	ng/ul#	97
89) Indeno(1,2,3-cd)pyrene	25.51	276	524850	14.388	ng/ul#	97

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90) Dibenzo(a,h)anthracene	25.51	278	119730	3.950	ng/ul#	78
91) Benzo(g,h,i)perylene	26.19	276	406264	13.748	ng/ul#	93

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

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