

Data Path : Z:\HPCHEM1\BNA M\DATA\BM012418\
 Data File : BM013799.D
 Acq On : 25 Jan 2018 09:43
 Operator : SJ/JU
 Sample : J1222-13
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F6A95

Manual Integrations
 APPROVED

Sohil
 1/25/2018 5:36:24 PM

Quant Time: Jan 25 11:50:33 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jan 25 03:36:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	181180	20.00	ng/ul	0.00
18) Naphthalene-d8	10.37	136	690291	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.25	164	430207	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.03	188	826419	20.00	ng/ul	0.03
75) Chrysene-d12	21.22	240	923825	20.00	ng/ul	0.02
83) Perylene-d12	23.44	264	909891	20.00	ng/ul	0.05

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.15	96	10371	2.26	ng/uL	0.00
5) Phenol-d5	6.78	99	290785	20.91	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.94	67	180333	21.40	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	251730	22.21	ng/ul	0.00
13) 4-Methylphenol-d8	8.31	113	250970	23.47	ng/ul	0.00
19) Nitrobenzene-d5	8.75	128	129016	24.09	ng/ul	0.00
22) 2-Nitrophenol-d4	9.46	143	142747	25.22	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.00	165	252377	23.08	ng/ul	0.00
29) 4-Chloroaniline-d4	10.52	131	116020	12.23	ng/ul	0.00
43) Dimethylphthalate-d6	13.67	166	701303	19.78	ng/ul	0.00
46) Acenaphthylene-d8	13.94	160	893487	19.76	ng/ul	0.00
51) 4-Nitrophenol-d4	14.48	143	108689	18.86	ng/ul	0.00
57) Fluorene-d10	15.25	176	595349	19.09	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.40	200	47766	9.60	ng/ul	0.01
70) Anthracene-d10	17.12	188	960863	23.87	ng/ul	0.02
76) Pyrene-d10	19.42	212	1109930	25.80	ng/ul	0.02
87) Benzo(a)pyrene-d12	23.30	264	1058831	25.32	ng/ul	0.04

Target Compounds

					Ovalue	
6) Phenol	6.81	94	47392	3.397	ng/ul#	90
28) Naphthalene	10.42	128	511859	14.905	ng/ul	99
34) 2-Methylnaphthalene	12.05	142	591877	23.117	ng/ul	96
38) 2,4,6-Trichlorophenol	12.67	196	21989	2.383	ng/ul	93
40) 1,1'-Biphenyl	13.07	154	345061	9.636	ng/ul	96
44) Dimethylphthalate	13.72	163	155177	4.451	ng/ul#	92
47) Acenaphthylene	13.97	152	487465	11.783	ng/ul#	96
49) Acenaphthene	14.32	153	2774654	96.842	ng/ul	99
53) Dibenzofuran	14.66	168	2220818	51.524	ng/ul	99
55) 2,3,4,6-Tetrachlorophenol	14.89	232	1136726	125.871	ng/ul#	91
58) Fluorene	15.31	166	1926612	54.567	ng/ul	98
68) Pentachlorophenol	16.70	266	28065920m	5026.875	ng/ul	
69) Phenanthrene	17.07	178	12290566	267.551	ng/ul	98
71) Anthracene	17.16	178	3498255	73.831	ng/ul	97
72) Carbazole	17.43	167	769420	19.672	ng/ul#	92
74) Fluoranthene	19.09	202	14910080	271.911	ng/ul#	86
77) Pyrene	19.46	202	13269712	236.275	ng/ul#	88
80) Benzo(a)anthracene	21.21	228	2328046m	41.705	ng/ul	
82) Chrysene	21.24	228	3901689m	76.190	ng/ul	
85) Benzo(b)fluoranthene	22.79	252	7130831	127.613	ng/ul#	97
86) Benzo(k)fluoranthene	22.81	252	1367293m	25.315	ng/ul	
88) Benzo(a)pyrene	23.34	252	2355980	44.632	ng/ul#	94
89) Indeno(1,2,3-cd)pyrene	25.66	276	1471103	23.609	ng/ul#	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
91) Benzo(q,h,i)perylene	26.33	276	1290198	25.158	ng/ul#	92

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

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