

Data Path : U:\HPCHEM1\BNA M\DATA\BM012418\
 Data File : BM013789.D
 Acq On : 25 Jan 2018 03:48
 Operator : SJ/JU
 Sample : J1174-13
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F6A48

Manual Integrations
 APPROVED

Sohil
 1/25/2018 5:35:47 PM

Quant Time: Jan 25 06:21:48 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	7.60	152	154262	20.00	ng/ul	0.00
18) Naphthalene-d8	10.40	136	781813	20.00	ng/ul	0.03
35) Acenaphthene-d10	14.29	164	606411	20.00	ng/ul	0.05
61) Phenanthrene-d10	17.09	188	889934	20.00	ng/ul	0.09
75) Chrysene-d12	21.23	240	799549m	20.00	ng/ul	0.03
83) Perylene-d12	23.41	264	725423m	20.00	ng/ul	0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.15	96	11102m	2.84	ng/uL	0.00
5) Phenol-d5	6.78	99	275507	23.26	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.94	67	183407	25.56	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	239271	24.80	ng/ul	0.00
13) 4-Methylphenol-d8	8.31	113	198255	21.78	ng/ul	0.00
19) Nitrobenzene-d5	8.76	128	130252	21.47	ng/ul	0.00
22) 2-Nitrophenol-d4	9.47	143	130390	20.34	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.02	165	247054	19.95	ng/ul	0.02
29) 4-Chloroaniline-d4	10.50	131	285621	26.58	ng/ul	-0.02
43) Dimethylphthalate-d6	13.69	166	843227	16.87	ng/ul	0.02
46) Acenaphthylene-d8	13.96	160	928900	14.57	ng/ul	0.03
51) 4-Nitrophenol-d4	14.51	143	143945	17.72	ng/ul	0.04
57) Fluorene-d10	15.28	176	683577	15.55	ng/ul	0.04
62) 4,6-Dinitro-2-methylphenol	15.38	200	56154m	10.48	ng/ul	0.00
70) Anthracene-d10	17.18	188	1006939	23.23	ng/ul	0.08
76) Pyrene-d10	19.45	212	1281648	34.43	ng/ul	0.05
87) Benzo(a)pyrene-d12	23.27	264	923167	27.69	ng/ul	0.02

Target Compounds

					Ovalue
6) Phenol	6.81	94	48268	4.064	ng/ul# 77
28) Naphthalene	10.43	128	41193574m	1059.095	ng/ul
34) 2-Methylnaphthalene	12.07	142	34286646m	1182.349	ng/ul
40) 1,1'-Biphenyl	13.10	154	20046031	397.129	ng/ul# 85
44) Dimethylphthalate	13.73	163	263590	5.364	ng/ul# 83
47) Acenaphthylene	14.00	152	1250539	21.445	ng/ul# 69
49) Acenaphthene	14.35	153	38516011m	953.688	ng/ul
53) Dibenzofuran	14.69	168	32593076m	536.454	ng/ul
55) 2,3,4,6-Tetrachlorophenol	14.92	232	1206887	94.809	ng/ul# 84
58) Fluorene	15.34	166	31847085m	639.903	ng/ul
68) Pentachlorophenol	16.74	266	20998103	3492.540	ng/ul 98
69) Phenanthrene	17.07	178	56985956m	1151.981	ng/ul
71) Anthracene	17.20	178	19035138m	373.066	ng/ul
72) Carbazole	17.44	167	7680949	182.369	ng/ul 99
74) Fluoranthene	19.09	202	40770556m	690.455	ng/ul
77) Pyrene	19.46	202	36831691m	757.746	ng/ul
80) Benzo(a)anthracene	21.21	228	14117443m	292.209	ng/ul
82) Chrysene	21.27	228	11056168	249.456	ng/ul 97
85) Benzo(b)fluoranthene	22.76	252	4895087	109.879	ng/ul# 98
86) Benzo(k)fluoranthene	22.80	252	1722816m	40.009	ng/ul
88) Benzo(a)pyrene	23.32	252	2694394	64.022	ng/ul# 97
89) Indeno(1,2,3-cd)pyrene	25.60	276	697897	14.048	ng/ul 96
90) Dibenz(a,h)anthracene	25.60	278	197169m	4.700	ng/ul

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
91) Benzo(q,h,i)perylene	26.27	276	497266	12.162	ng/ul#	94

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

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