

Data Path : Z:\HPCHEM1\BNA M\DATA\BM030518\
 Data File : BM014471.D
 Acq On : 05 Mar 2018 13:59
 Operator : SJ/JU
 Sample : J1678-07
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BE5T7

Manual Integrations
 APPROVED

Sohil
 3/6/2018 5:46:51 PM

Quant Time: Mar 05 14:54:57 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Mar 02 22:33:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.51	152	92988	20.00	ng/ul	0.00
18) Naphthalene-d8	10.28	136	426211	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.17	164	269227	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.94	188	550410	20.00	ng/ul	0.00
75) Chrysene-d12	21.16	240	410833	20.00	ng/ul	0.00
83) Perylene-d12	23.34	264	382243	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.09	96	8676	3.99	ng/uL	0.00
5) Phenol-d5	6.73	99	263071	33.47	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.86	67	161777	34.00	ng/ul	0.00
9) 2-Chlorophenol-d4	7.06	132	216560	35.94	ng/ul	0.00
13) 4-Methylphenol-d8	8.25	113	220201	32.02	ng/ul	0.00
19) Nitrobenzene-d5	8.67	128	113657	36.09	ng/ul	0.00
22) 2-Nitrophenol-d4	9.39	143	134249	41.18	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.94	165	237930	35.24	ng/ul	0.00
29) 4-Chloroaniline-d4	10.45	131	167463	25.17	ng/ul	0.00
43) Dimethylphthalate-d6	13.60	166	830935	37.37	ng/ul	0.00
46) Acenaphthylene-d8	13.86	160	1008523	36.79	ng/ul	0.00
51) 4-Nitrophenol-d4	14.48	143	89495m	29.15	ng/ul	0.02
57) Fluorene-d10	15.18	176	677528	34.01	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.36	200	100911	30.56	ng/ul	0.00
70) Anthracene-d10	17.04	188	981000	36.94	ng/ul	0.00
76) Pyrene-d10	19.36	212	890279	42.01	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.21	264	641892m	34.50	ng/ul	0.01

Target Compounds

					Ovalue
6) Phenol	6.76	94	17918	2.173	ng/ul 97
28) Naphthalene	10.33	128	45711	2.088	ng/ul 97
34) 2-Methylnaphthalene	11.97	142	21162	1.270	ng/ul 89
44) Dimethylphthalate	13.65	163	117558	5.362	ng/ul 98
47) Acenaphthylene	13.90	152	81023	3.127	ng/ul 94
49) Acenaphthene	14.24	153	92084	5.047	ng/ul 92
53) Dibenzofuran	14.59	168	61791	2.258	ng/ul 99
56) Diethylphthalate	15.02	149	140801	5.763	ng/ul 92
58) Fluorene	15.23	166	101154	4.283	ng/ul 97
69) Phenanthrene	16.99	178	2000004	63.067	ng/ul 99
71) Anthracene	17.07	178	389251	12.205	ng/ul 97
72) Carbazole	17.36	167	148371	5.533	ng/ul 96
74) Fluoranthene	19.02	202	3083438	81.383	ng/ul# 95
77) Pyrene	19.39	202	2835263	103.845	ng/ul# 94
78) Butylbenzylphthalate	20.29	149	18742	1.660	ng/ul# 77
80) Benzo(a)anthracene	21.14	228	1180038	46.023	ng/ul 99
81) Bis(2-ethylhexyl)phthalate	21.07	149	482823m	29.863	ng/ul
82) Chrysene	21.20	228	1114999	46.616	ng/ul 97
85) Benzo(b)fluoranthene	22.70	252	1198350	46.821	ng/ul# 98
86) Benzo(k)fluoranthene	22.73	252	458855m	18.856	ng/ul
88) Benzo(a)pyrene	23.26	252	915013	40.007	ng/ul# 99
89) Indeno(1,2,3-cd)pyrene	25.53	276	557431	25.117	ng/ul 99
90) Dibenz(a,h)anthracene	25.52	278	161781	8.773	ng/ul# 87

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
91) Benzo(q,h,i)perylene	26.19	276	457077	25.423	ng/ul	97

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

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