

Data Path : Z:\HPCHEM1\BNA M\DATA\BM100317\
 Data File : BM011849.D
 Acq On : 03 Oct 2017 13:01
 Operator : SJ/JU
 Sample : SSTD04012
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD04012

Manual Integrations
 APPROVED

Sohil
 10/4/2017 7:27:52 PM

Quant Time: Oct 03 13:33:46 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM100317.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Oct 03 13:10:06 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.87	152	219269	20.00	ng/ul	0.00
18) Naphthalene-d8	10.68	136	1004506	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.52	164	652669	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.26	188	1605124	20.00	ng/ul	0.00
75) Chrysene-d12	21.43	240	2180771	20.00	ng/ul	0.00
83) Perylene-d12	23.76	264	2143454	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.29	96	71794	14.60	ng/uL	0.00
5) Phenol-d5	7.03	99	761429	35.31	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.20	67	449657	28.75	ng/ul	0.00
9) 2-Chlorophenol-d4	7.40	132	625089	38.96	ng/ul	0.00
13) 4-Methylphenol-d8	8.58	113	651472	38.57	ng/ul	0.00
19) Nitrobenzene-d5	9.05	128	302616	38.62	ng/ul	0.00
22) 2-Nitrophenol-d4	9.76	143	352167	42.14	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.30	165	689675	43.24	ng/ul	0.00
29) 4-Chloroaniline-d4	10.82	131	818399	46.41	ng/ul	0.00
43) Dimethylphthalate-d6	13.93	166	2306657	41.21	ng/ul	0.00
46) Acenaphthylene-d8	14.22	160	2767918	40.89	ng/ul	0.00
51) 4-Nitrophenol-d4	14.72	143	411169	42.98	ng/ul	0.00
57) Fluorene-d10	15.51	176	2018757	41.88	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.63	200	431226	39.66	ng/ul	0.00
70) Anthracene-d10	17.36	188	3288474	40.26	ng/ul	0.00
76) Pyrene-d10	19.65	212	3991335	38.35	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.61	264	4254707	41.46	ng/ul	0.00

Target Compounds

					Ovalue
2) 1,4-Dioxane	3.32	88	73029	13.342	ng/uL# 70
4) Benzaldehyde	7.02	77	405213	38.315	ng/ul 93
6) Phenol	7.06	94	742058	34.022	ng/ul# 83
8) Bis(2-Chloroethyl)ether	7.30	93	563509	33.604	ng/ul 96
10) 2-Chlorophenol	7.44	128	609460	38.930	ng/ul 98
11) 2-Methylphenol	8.32	108	569513	35.556	ng/ul 98
12) 2,2'-oxybis(1-Chloropropan	8.41	45	717845	19.986	ng/ul# 86
14) Acetophenone	8.70	105	945823	34.845	ng/ul 90
15) N-Nitroso-di-n-propylamine	8.69	70	503435	32.860	ng/ul# 69
16) 4-Methylphenol	8.65	108	642454	36.488	ng/ul 93
17) Hexachloroethane	8.96	117	241301	34.953	ng/ul 82
20) Nitrobenzene	9.09	77	731565	33.922	ng/ul 94
21) Isophorone	9.61	82	1347762	33.316	ng/ul# 93
23) 2-Nitrophenol	9.80	139	370111	42.536	ng/ul# 74
24) 2,4-Dimethylphenol	9.85	107	741878	37.452	ng/ul# 85
25) Bis(2-Chloroethoxy)methane	10.09	93	813215	34.719	ng/ul 95
27) 2,4-Dichlorophenol	10.33	162	656833	43.300	ng/ul 91
28) Naphthalene	10.73	128	2005828	38.204	ng/ul 100
30) 4-Chloroaniline	10.85	127	789968	46.320	ng/ul 95
31) Hexachlorobutadiene	11.01	225	462914	43.349	ng/ul 93
32) Caprolactam	11.63	113	210920m	42.915	ng/ul
33) 4-Chloro-3-methylphenol	11.96	107	721202	41.995	ng/ul 96
34) 2-Methylnaphthalene	12.35	142	1564955	42.048	ng/ul 95

Data Path : Z:\HPCHEM1\BNA M\DATA\BM100317\
 Data File : BM011849.D
 Acq On : 03 Oct 2017 13:01
 Operator : SJ/JU
 Sample : SSTD04012
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleID :
 SSTD04012

Manual Integrations
 APPROVED

Sohil
 10/4/2017 7:27:52 PM

Quant Time: Oct 03 13:33:46 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM100317.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Oct 03 13:10:06 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.71	216	892989	40.474	ng/ul	96
37) Hexachlorocyclopentadiene	12.69	237	506792	35.739	ng/ul	98
38) 2,4,6-Trichlorophenol	12.95	196	598924	42.271	ng/ul	97
39) 2,4,5-Trichlorophenol	13.02	196	633608	43.197	ng/ul	98
40) 1,1'-Biphenyl	13.35	154	2086485	38.815	ng/ul	98
41) 2-Chloronaphthalene	13.40	162	1647096	39.986	ng/ul	98
42) 2-Nitroaniline	13.60	65	464872	30.690	ng/ul	89
44) Dimethylphthalate	13.97	163	2203721	41.161	ng/ul	99
45) 2,6-Dinitrotoluene	14.10	165	456625	46.314	ng/ul	90
47) Acenaphthylene	14.24	152	2647817	38.991	ng/ul	99
48) 3-Nitroaniline	14.43	138	409998	40.664	ng/ul	87
49) Acenaphthene	14.59	153	1789684	38.698	ng/ul	99
50) 2,4-Dinitrophenol	14.63	184	268816	41.535	ng/ul	95
52) 4-Nitrophenol	14.73	109	330804	35.347	ng/ul#	76
53) Dibenzofuran	14.92	168	2616814	41.197	ng/ul	99
54) 2,4-Dinitrotoluene	14.89	165	681405	48.434	ng/ul#	80
55) 2,3,4,6-Tetrachlorophenol	15.14	232	612204	45.248	ng/ul	94
56) Diethylphthalate	15.33	149	2270410	40.328	ng/ul	95
58) Fluorene	15.57	166	2190237	40.721	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.56	204	1151883	42.591	ng/ul	98
60) 4-Nitroaniline	15.59	138	454548	41.084	ng/ul	89
63) 4,6-Dinitro-2-methylphenol	15.64	198	447557	40.538	ng/ul	91
64) N-Nitrosodiphenylamine	15.77	169	1902712	40.103	ng/ul	98
65) 4-Bromophenyl-phenylether	16.45	248	734801	41.620	ng/ul	97
66) Hexachlorobenzene	16.57	284	807183	41.147	ng/ul#	90
67) Atrazine	16.72	200	752776	40.923	ng/ul	93
68) Pentachlorophenol	16.91	266	513480	39.761	ng/ul	97
69) Phenanthrene	17.30	178	3603938	40.117	ng/ul	99
71) Anthracene	17.40	178	3727402	40.270	ng/ul	99
72) Carbazole	17.66	167	3219452	39.703	ng/ul	99
73) Di-n-butylphthalate	18.22	149	3981251	38.123	ng/ul#	97
74) Fluoranthene	19.32	202	4624035	42.158	ng/ul#	90
77) Pyrene	19.68	202	4835841	37.211	ng/ul#	89
78) Butylbenzylphthalate	20.56	149	2019727	37.183	ng/ul	88
79) 3,3'-Dichlorobenzidine	21.35	252	1662237	40.087	ng/ul#	96
80) Benzo(a)anthracene	21.42	228	5090584	41.724	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.33	149	3012332	37.153	ng/ul#	98
82) Chrysene	21.47	228	4702446	40.866	ng/ul	99
84) Di-n-octyl phthalate	22.23	149	5225442	31.543	ng/ul	100
85) Benzo(b)fluoranthene	23.06	252	5228850	41.346	ng/ul#	97
86) Benzo(k)fluoranthene	23.10	252	5409066	41.926	ng/ul#	97
88) Benzo(a)pyrene	23.66	252	5196629	42.544	ng/ul#	96
89) Indeno(1,2,3-cd)pyrene	26.14	276	5659465	44.501	ng/ul#	92
90) Dibenzo(a,h)anthracene	26.16	278	4716508	44.281	ng/ul#	96
91) Benzo(g,h,i)perylene	26.88	276	4662126	44.165	ng/ul#	94

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

