

Data Path : Z:\HPCHEM1\BNA M\DATA\BM100117\
 Data File : BM011817.D
 Acq On : 01 Oct 2017 20:09
 Operator : SJ/JU
 Sample : SSTDC0020
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleID :
 SSTD02052

Manual Integrations
 APPROVED

Sohil
 10/2/2017 5:51:48 PM

Quant Time: Oct 02 04:52:05 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM092717.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Oct 02 02:22:21 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.88	152	118531	20.00	ng/ul	0.00
18) Naphthalene-d8	10.69	136	584366	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.53	164	367000	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.27	188	906873	20.00	ng/ul	0.00
75) Chrysene-d12	21.43	240	1222752	20.00	ng/ul	0.00
83) Perylene-d12	23.77	264	1209630	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.29	96	19862	7.47	ng/uL	0.00
5) Phenol-d5	7.03	99	220972	18.96	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.21	67	169190	20.01	ng/ul	0.00
9) 2-Chlorophenol-d4	7.41	132	171594	19.78	ng/ul	0.00
13) 4-Methylphenol-d8	8.59	113	185642	20.33	ng/ul	0.00
19) Nitrobenzene-d5	9.05	128	86997	19.09	ng/ul	0.00
22) 2-Nitrophenol-d4	9.77	143	97421	20.04	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.30	165	184774	19.91	ng/ul	0.00
29) 4-Chloroaniline-d4	10.82	131	242866	23.68	ng/ul	0.00
43) Dimethylphthalate-d6	13.93	166	629682	20.00	ng/ul	0.00
46) Acenaphthylene-d8	14.22	160	738855	19.41	ng/ul	0.00
51) 4-Nitrophenol-d4	14.72	143	103935	19.32	ng/ul	0.00
57) Fluorene-d10	15.52	176	540421	19.94	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.63	200	108689	17.69	ng/ul	0.00
70) Anthracene-d10	17.36	188	883030	19.13	ng/ul	0.00
76) Pyrene-d10	19.65	212	1083225	18.56	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.61	264	1121864	19.37	ng/ul	0.00

Target Compounds

					Ovalue	
2) 1,4-Dioxane	3.33	88	23132	7.818	ng/uL	92
4) Benzaldehyde	7.02	77	138856	24.288	ng/ul	96
6) Phenol	7.06	94	227905	19.329	ng/ul#	91
8) Bis(2-Chloroethyl)ether	7.30	93	177489	19.580	ng/ul#	74
10) 2-Chlorophenol	7.44	128	167730	19.819	ng/ul#	79
11) 2-Methylphenol	8.32	108	168082	19.412	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.42	45	435628	22.437	ng/ul#	96
14) Acetophenone	8.71	105	306305	20.875	ng/ul#	87
15) N-Nitroso-di-n-propylamine	8.69	70	178797	21.589	ng/ul	94
16) 4-Methylphenol	8.65	108	192266	20.200	ng/ul	95
17) Hexachloroethane	8.96	117	79767	21.375	ng/ul#	66
20) Nitrobenzene	9.09	77	254887	20.316	ng/ul	95
21) Isophorone	9.61	82	474579	20.166	ng/ul#	98
23) 2-Nitrophenol	9.80	139	99326	19.623	ng/ul	86
24) 2,4-Dimethylphenol	9.85	107	240588	20.878	ng/ul	93
25) Bis(2-Chloroethoxy)methane	10.09	93	260986	19.153	ng/ul	96
27) 2,4-Dichlorophenol	10.33	162	176178	19.964	ng/ul#	89
28) Naphthalene	10.74	128	585938	19.184	ng/ul	99
30) 4-Chloroaniline	10.85	127	232150	23.399	ng/ul	93
31) Hexachlorobutadiene	11.02	225	125656	20.227	ng/ul	95
32) Caprolactam	11.63	113	60838m	21.278	ng/ul	
33) 4-Chloro-3-methylphenol	11.97	107	212075	21.227	ng/ul	98
34) 2-Methylnaphthalene	12.35	142	427828	19.760	ng/ul	98

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36) 1,2,4,5-Tetrachlorobenzene	12.72	216	235987	19.022	ng/ul#	94
37) Hexachlorocyclopentadiene	12.69	237	132510	16.618	ng/ul	99
38) 2,4,6-Trichlorophenol	12.96	196	156725	19.671	ng/ul	98
39) 2,4,5-Trichlorophenol	13.03	196	166411	20.176	ng/ul	99
40) 1,1'-Biphenyl	13.36	154	568610	18.812	ng/ul	97
41) 2-Chloronaphthalene	13.40	162	437312	18.880	ng/ul	95
42) 2-Nitroaniline	13.60	65	186212	21.863	ng/ul#	81
44) Dimethylphthalate	13.97	163	605014	20.097	ng/ul	100
45) 2,6-Dinitrotoluene	14.10	165	112107	20.221	ng/ul#	75
47) Acenaphthylene	14.24	152	740935	19.404	ng/ul	99
48) 3-Nitroaniline	14.43	138	111172	19.609	ng/ul#	95
49) Acenaphthene	14.59	153	495618	19.058	ng/ul	99
50) 2,4-Dinitrophenol	14.64	184	65957	18.124	ng/ul#	54
52) 4-Nitrophenol	14.73	109	121491	23.086	ng/ul#	81
53) Dibenzofuran	14.92	168	696408	19.498	ng/ul	90
54) 2,4-Dinitrotoluene	14.89	165	165085	20.868	ng/ul#	69
55) 2,3,4,6-Tetrachlorophenol	15.14	232	163518	21.493	ng/ul#	82
56) Diethylphthalate	15.33	149	652502	20.612	ng/ul#	92
58) Fluorene	15.57	166	605444	20.018	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.56	204	307024	20.188	ng/ul	93
60) 4-Nitroaniline	15.59	138	118241	19.006	ng/ul#	79
63) 4,6-Dinitro-2-methylphenol	15.65	198	108508	17.396	ng/ul	93
64) N-Nitrosodiphenylamine	15.77	169	495915	18.500	ng/ul	97
65) 4-Bromophenyl-phenylether	16.46	248	185852	18.632	ng/ul	93
66) Hexachlorobenzene	16.57	284	215197	19.416	ng/ul#	84
67) Atrazine	16.72	200	194229	18.688	ng/ul	95
68) Pentachlorophenol	16.92	266	131777	18.061	ng/ul	96
69) Phenanthrene	17.31	178	963303	18.979	ng/ul	98
71) Anthracene	17.40	178	1015708	19.423	ng/ul	98
72) Carbazole	17.67	167	835243	18.231	ng/ul	98
73) Di-n-butylphthalate	18.22	149	1152413	19.532	ng/ul	99
74) Fluoranthene	19.32	202	1228352	19.822	ng/ul#	93
77) Pyrene	19.68	202	1356156	18.612	ng/ul#	90
78) Butylbenzylphthalate	20.57	149	574625	18.867	ng/ul#	95
79) 3,3'-Dichlorobenzidine	21.35	252	407502	17.527	ng/ul#	95
80) Benzo(a)anthracene	21.42	228	1379956	20.172	ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.33	149	857501	18.862	ng/ul#	93
82) Chrysene	21.47	228	1273250	19.734	ng/ul	99
84) Di-n-octyl phthalate	22.23	149	1540333	16.476	ng/ul#	80
85) Benzo(b)fluoranthene	23.06	252	1364673	19.121	ng/ul#	98
86) Benzo(k)fluoranthene	23.10	252	1391317	19.109	ng/ul#	97
88) Benzo(a)pyrene	23.66	252	1346276	19.530	ng/ul#	96
89) Indeno(1,2,3-cd)pyrene	26.15	276	1463039	20.385	ng/ul#	92
90) Dibenzo(a,h)anthracene	26.16	278	1221941	20.329	ng/ul#	95
91) Benzo(g,h,i)perylene	26.89	276	1204420	20.218	ng/ul#	93

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

