

Data Path : Z:\HPCHEM1\BNA N\DATA\BN040318\
 Data File : BN000700.D
 Acq On : 03 Apr 2018 14:54
 Operator : JU/SJ
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD02046

Quant Time: Apr 04 06:40:17 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN031918.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Apr 03 02:09:38 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.41	152	137024	20.00	ng/ul	0.00
18) Naphthalene-d8	11.24	136	621706	20.00	ng/ul	0.00
35) Acenaphthene-d10	15.02	164	354968	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.75	188	765659	20.00	ng/ul	0.00
75) Chrysene-d12	21.88	240	767493	20.00	ng/ul	0.00
83) Perylene-d12	24.36	264	712751	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.58	96	28998	7.56	ng/uL	0.00
5) Phenol-d5	7.55	99	276839	21.65	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.71	67	162415	22.03	ng/ul	0.00
9) 2-Chlorophenol-d4	7.93	132	198582	20.54	ng/ul	0.00
13) 4-Methylphenol-d8	9.12	113	221151	22.21	ng/ul	0.00
19) Nitrobenzene-d5	9.59	128	98814	19.57	ng/ul	0.00
22) 2-Nitrophenol-d4	10.31	143	103498	19.79	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.87	165	190686	20.34	ng/ul	0.00
29) 4-Chloroaniline-d4	11.37	131	252190	26.20	ng/ul	0.00
43) Dimethylphthalate-d6	14.41	166	592604	21.13	ng/ul	0.00
46) Acenaphthylene-d8	14.72	160	747025	20.19	ng/ul	0.00
51) 4-Nitrophenol-d4	15.22	143	99387	19.09	ng/ul	0.00
57) Fluorene-d10	16.01	176	497145	20.80	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.13	200	77171	17.60	ng/ul	0.00
70) Anthracene-d10	17.85	188	751669	20.42	ng/ul	0.00
76) Pyrene-d10	20.11	212	800234	18.89	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.20	264	697436	20.73	ng/ul	0.00

Target Compounds

				Ovalue	
2) 1,4-Dioxane	3.62	88	30792	7.454	ng/uL# 85
4) Benzaldehyde	7.53	77	121647	23.340	ng/ul 91
6) Phenol	7.58	94	285459	21.887	ng/ul 96
8) Bis(2-Chloroethyl)ether	7.81	93	222809	21.529	ng/ul 96
10) 2-Chlorophenol	7.96	128	205493	20.822	ng/ul 99
11) 2-Methylphenol	8.85	108	209752	21.929	ng/ul 95
12) 2,2'-oxybis(1-Chloropropan	8.93	45	250696	22.476	ng/ul# 93
14) Acetophenone	9.24	105	341811	23.092	ng/ul 97
15) N-Nitroso-di-n-propylamine	9.21	70	172876	22.330	ng/ul 94
16) 4-Methylphenol	9.18	108	229374	22.399	ng/ul 93
17) Hexachloroethane	9.50	117	82434	20.020	ng/ul# 72
20) Nitrobenzene	9.63	77	255852	20.527	ng/ul 96
21) Isophorone	10.15	82	494701	20.820	ng/ul 98
23) 2-Nitrophenol	10.35	139	115147	20.468	ng/ul 94
24) 2,4-Dimethylphenol	10.40	107	250198	20.646	ng/ul 97
25) Bis(2-Chloroethoxy)methane	10.63	93	307806	20.511	ng/ul 97
27) 2,4-Dichlorophenol	10.90	162	188569	20.721	ng/ul# 96
28) Naphthalene	11.30	128	667459	20.444	ng/ul 99
30) 4-Chloroaniline	11.40	127	255624	26.166	ng/ul 98
31) Hexachlorobutadiene	11.56	225	103672	20.558	ng/ul 96
32) Caprolactam	12.14	113	74581	22.418	ng/ul 89
33) 4-Chloro-3-methylphenol	12.51	107	233265	21.803	ng/ul 98
34) 2-Methylnaphthalene	12.88	142	465030	21.334	ng/ul 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.24	216	207967	19.501	ng/ul#	95
37) Hexachlorocyclopentadiene	13.21	237	98239	17.666	ng/ul#	97
38) 2,4,6-Trichlorophenol	13.47	196	137499	19.008	ng/ul	99
39) 2,4,5-Trichlorophenol	13.56	196	143869	19.074	ng/ul	95
40) 1,1'-Biphenyl	13.86	154	597584	19.776	ng/ul#	93
41) 2-Chloronaphthalene	13.91	162	458805	19.697	ng/ul	94
42) 2-Nitroaniline	14.11	65	149001	21.112	ng/ul	95
44) Dimethylphthalate	14.46	163	587128	21.166	ng/ul#	98
45) 2,6-Dinitrotoluene	14.60	165	119337	21.349	ng/ul	89
47) Acenaphthylene	14.75	152	737981	20.362	ng/ul	99
48) 3-Nitroaniline	14.92	138	128411	23.793	ng/ul#	89
49) Acenaphthene	15.09	153	503305	20.367	ng/ul	98
50) 2,4-Dinitrophenol	15.14	184	44825	16.997	ng/ul#	77
52) 4-Nitrophenol	15.24	109	82528	20.509	ng/ul	85
53) Dibenzofuran	15.42	168	698138	20.801	ng/ul	99
54) 2,4-Dinitrotoluene	15.38	165	176828	22.313	ng/ul	88
55) 2,3,4,6-Tetrachlorophenol	15.64	232	113645	19.731	ng/ul#	94
56) Diethylphthalate	15.81	149	611829	21.609	ng/ul	96
58) Fluorene	16.06	166	564512	21.166	ng/ul	100
59) 4-Chlorophenyl-phenylether	16.04	204	262050	21.263	ng/ul#	88
60) 4-Nitroaniline	16.08	138	144695	23.864	ng/ul#	91
63) 4,6-Dinitro-2-methylphenol	16.14	198	81150	17.530	ng/ul#	87
64) N-Nitrosodiphenylamine	16.25	169	490794	19.458	ng/ul	99
65) 4-Bromophenyl-phenylether	16.93	248	157013	20.119	ng/ul#	87
66) Hexachlorobenzene	17.06	284	173490	21.053	ng/ul#	85
67) Atrazine	17.18	200	167162	21.973	ng/ul	96
68) Pentachlorophenol	17.41	266	74145	17.043	ng/ul	99
69) Phenanthrene	17.80	178	896447	20.323	ng/ul	100
71) Anthracene	17.88	178	922830	20.404	ng/ul	98
72) Carbazole	18.15	167	839259	21.639	ng/ul	97
73) Di-n-butylphthalate	18.67	149	1057287	20.046	ng/ul	99
74) Fluoranthene	19.77	202	1005681	22.944	ng/ul#	80
77) Pyrene	20.14	202	1033006	18.428	ng/ul#	78
78) Butylbenzylphthalate	20.98	149	505077	18.139	ng/ul#	83
79) 3,3'-Dichlorobenzidine	21.78	252	281082	18.746	ng/ul#	96
80) Benzo(a)anthracene	21.86	228	990862	19.377	ng/ul	100
81) Bis(2-ethylhexyl)phthalate	21.74	149	740283	18.313	ng/ul#	97
82) Chrysene	21.92	228	934437	19.492	ng/ul	100
84) Di-n-octyl phthalate	22.68	149	1277642	21.297	ng/ul	100
85) Benzo(b)fluoranthene	23.61	252	957106	21.252	ng/ul#	96
86) Benzo(k)fluoranthene	23.65	252	871142	20.036	ng/ul#	96
88) Benzo(a)pyrene	24.25	252	856915	20.217	ng/ul#	95
89) Indeno(1,2,3-cd)pyrene	26.92	276	852074	18.643	ng/ul#	81
90) Dibenzo(a,h)anthracene	26.92	278	707437	18.580	ng/ul#	91
91) Benzo(g,h,i)perylene	27.71	276	686925	18.086	ng/ul#	88

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

