

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_N\DATA\BN022018\
 Data File : BN000135.D
 Acq On : 20 Feb 2018 15:25
 Operator : JU/SJ
 Sample : SSTD08076
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD08076

Quant Time: Feb 20 16:47:21 2018
 Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN022018MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Feb 20 16:31:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.46	152	197680	20.00	ng/ul	0.00
18) Naphthalene-d8	11.30	136	944472	20.00	ng/ul	0.00
36) Acenaphthene-d10	15.07	164	520085	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.79	188	1054472	20.00	ng/ul	0.00
78) Chrysene-d12	21.90	240	1054597	20.00	ng/ul	0.00
86) Perylene-d12	24.39	264	1186841	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.61	96	149419	78.39	ng/uL	0.00
5) Phenol-d5	7.59	99	1678280	83.83	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.76	67	904526	80.28	ng/ul	0.00
9) 2-Chlorophenol-d4	7.98	132	1203804	87.98	ng/ul	0.00
13) 4-Methylphenol-d8	9.16	113	1348164	83.52	ng/ul	0.01
19) Nitrobenzene-d5	9.64	128	599405	96.67	ng/ul	0.00
22) 2-Nitrophenol-d4	10.37	143	608135	103.85	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.90	165	1158078	88.36	ng/ul	0.00
29) 4-Chloroaniline-d4	11.42	131	1270530	86.80	ng/ul	0.00
44) Dimethylphthalate-d6	14.46	166	3222027	81.45	ng/ul	0.00
47) Acenaphthylene-d8	14.77	160	4184352	82.32	ng/ul	0.00
52) 4-Nitrophenol-d4	15.23	143	682556	86.90	ng/ul	0.01
58) Fluorene-d10	16.05	176	2685398	77.26	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	16.15	200	461767	97.57	ng/ul	0.00
71) Anthracene-d10	17.89	188	3935729	79.53	ng/ul	0.00
79) Pyrene-d10	20.13	212	4110195	82.06	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.23	264	4434659	82.45	ng/ul	0.02

Target Compounds

					Qvalue	
2) 1,4-Dioxane	3.65	88	159898	76.143	ng/uL#	86
4) Benzaldehyde	7.58	77	580064	88.171	ng/ul	90
6) Phenol	7.62	94	1743337	82.399	ng/ul	92
8) Bis(2-Chloroethyl)ether	7.86	93	1298513	81.123	ng/ul	93
10) 2-Chlorophenol	8.01	128	1239161	85.478	ng/ul	97
11) 2-Methylphenol	8.89	108	1286942	83.752	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.99	45	1382429	79.731	ng/ul#	93
14) Acetophenone	9.29	105	2014377	79.439	ng/ul	94
15) N-Nitroso-di-n-propylamine	9.28	70	961745	83.993	ng/ul	92
16) 4-Methylphenol	9.23	108	1409572	81.870	ng/ul	95
17) Hexachloroethane	9.56	117	473751	85.500	ng/ul#	66
20) Nitrobenzene	9.69	77	1492823	86.899	ng/ul	93
21) Isophorone	10.21	82	2900239	89.296	ng/ul	99
23) 2-Nitrophenol	10.40	139	677011	97.908	ng/ul	92
24) 2,4-Dimethylphenol	10.44	107	1500973	83.527	ng/ul	96
25) Bis(2-Chloroethoxy)methane	10.68	93	1828439	82.452	ng/ul	97
27) 2,4-Dichlorophenol	10.93	162	1133368	85.648	ng/ul#	95
28) Naphthalene	11.35	128	3899956	78.086	ng/ul	99
30) 4-Chloroaniline	11.45	127	1305502	85.501	ng/ul	98
31) Hexachlorobutadiene	11.62	225	562565	80.257	ng/ul	97
32) Caprolactam	12.21	113	445523	88.837	ng/ul	83
33) 4-Chloro-3-methylphenol	12.54	107	1393479	85.781	ng/ul	98
34) 2-Methylnaphthalene	12.93	142	2700288	77.577	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	13.15	142	2684723	76.861	ng/ul	96
37) 1,2,4,5-Tetrachlorobenzene	13.29	216	1162179	81.512	ng/ul#	94
38) Hexachlorocyclopentadiene	13.26	237	638667	92.550	ng/ul	97
39) 2,4,6-Trichlorophenol	13.51	196	818392	91.045	ng/ul	99
40) 2,4,5-Trichlorophenol	13.59	196	869686	90.015	ng/ul	97
41) 1,1'-Biphenyl	13.91	154	3351759	78.666	ng/ul#	95
42) 2-Chloronaphthalene	13.96	162	2596974	79.367	ng/ul	94
43) 2-Nitroaniline	14.15	65	838421	100.063	ng/ul	96
45) Dimethylphthalate	14.51	163	3188820	79.368	ng/ul#	99
46) 2,6-Dinitrotoluene	14.63	165	679615	101.244	ng/ul	90
48) Acenaphthylene	14.80	152	4094440	79.384	ng/ul	100
49) 3-Nitroaniline	14.96	138	713187	88.779	ng/ul#	93
50) Acenaphthene	15.13	153	2800448	76.991	ng/ul	97
51) 2,4-Dinitrophenol	15.16	184	309348	99.349	ng/ul#	77
53) 4-Nitrophenol	15.25	109	550169	83.035	ng/ul	86
54) Dibenzofuran	15.46	168	3828094	75.818	ng/ul	98
55) 2,4-Dinitrotoluene	15.41	165	983435	94.716	ng/ul	92
56) 2,3,4,6-Tetrachlorophenol	15.67	232	700151	89.829	ng/ul#	95
57) Diethylphthalate	15.86	149	3289316	81.259	ng/ul	96
59) Fluorene	16.10	166	3006682	74.174	ng/ul	98
60) 4-Chlorophenyl-phenylether	16.09	204	1386498	75.729	ng/ul#	86
61) 4-Nitroaniline	16.12	138	808095	84.081	ng/ul	90
64) 4,6-Dinitro-2-methylphenol	16.17	198	489243	95.469	ng/ul#	88
65) N-Nitrosodiphenylamine	16.30	169	2663281	81.212	ng/ul	98
66) 4-Bromophenyl-phenylether	16.97	248	813071	84.739	ng/ul#	86
67) Hexachlorobenzene	17.10	284	876446	81.981	ng/ul#	84
68) Atrazine	17.23	200	868212	87.572	ng/ul	96
69) Pentachlorophenol	17.43	266	531767	91.671	ng/ul	97
70) Phenanthrene	17.83	178	4708192	76.315	ng/ul	99
72) Anthracene	17.92	178	4800082	76.407	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.88	216	1179316	84.641	ng/uL	98
74) Pentachlorobenzene	15.38	250	1087501	81.543	ng/uL	98
75) Carbazole	18.18	167	4507340	80.070	ng/ul#	96
76) Di-n-butylphthalate	18.71	149	5409678	88.577	ng/ul	99
77) Fluoranthene	19.80	202	5146359	79.680	ng/ul#	77
80) Pyrene	20.17	202	5194015	78.247	ng/ul#	74
81) Butylbenzylphthalate	21.02	149	2608867	101.582	ng/ul#	85
82) 3,3'-Dichlorobenzidine	21.81	252	1691669	89.091	ng/ul#	97
83) Benzo(a)anthracene	21.89	228	5171453	79.492	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.77	149	3822071	99.046	ng/ul#	97
85) Chrysene	21.94	228	4875691	77.523	ng/ul	98
87) Di-n-octyl phthalate	22.73	149	6661432	91.990	ng/ul	100
88) Benzo(b)fluoranthene	23.64	252	5454836	79.148	ng/ul#	94
89) Benzo(k)fluoranthene	23.69	252	5356261	78.767	ng/ul#	93
91) Benzo(a)pyrene	24.29	252	5475497	79.676	ng/ul#	93
92) Indeno(1,2,3-cd)pyrene	26.96	276	6695288	83.340	ng/ul#	76
93) Dibenzo(a,h)anthracene	26.97	278	5506334	82.222	ng/ul#	90
94) Benzo(g,h,i)perylene	27.75	276	5605929	83.645	ng/ul#	85

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

