

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_N\DATA\BN022018\
 Data File : BN000132.D
 Acq On : 20 Feb 2018 13:41
 Operator : JU/SJ
 Sample : SSTD01073
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD01073

Quant Time: Feb 20 16:41:08 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	127696	20.00	ng/ul	0.00
18) Naphthalene-d8	11.30	136	646298	20.00	ng/ul	0.00
36) Acenaphthene-d10	15.06	164	383890	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.79	188	850400	20.00	ng/ul	0.00
78) Chrysene-d12	21.90	240	958900	20.00	ng/ul	0.00
86) Perylene-d12	24.37	264	1052407	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.61	96	12472	10.13	ng/uL	0.00
5) Phenol-d5	7.58	99	120242	9.30	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.76	67	74981	10.30	ng/ul	0.00
9) 2-Chlorophenol-d4	7.98	132	84493	9.56	ng/ul	0.00
13) 4-Methylphenol-d8	9.15	113	98592	9.46	ng/ul	0.00
19) Nitrobenzene-d5	9.63	128	37669	8.88	ng/ul	0.00
22) 2-Nitrophenol-d4	10.36	143	33023	8.24	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.90	165	85154	9.50	ng/ul	0.00
29) 4-Chloroaniline-d4	11.42	131	74870	7.48	ng/ul	0.00
44) Dimethylphthalate-d6	14.45	166	292279	10.01	ng/ul	0.00
47) Acenaphthylene-d8	14.76	160	371889	9.91	ng/ul	0.00
52) 4-Nitrophenol-d4	15.22	143	48026	8.28	ng/ul	0.00
58) Fluorene-d10	16.05	176	268260	10.46	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	16.14	200	24890	6.52	ng/ul	0.00
71) Anthracene-d10	17.88	188	400944	10.05	ng/ul	0.00
79) Pyrene-d10	20.13	212	447309	9.82	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.22	264	477621	10.01	ng/ul	0.00

Target Compounds

					Qvalue
2) 1,4-Dioxane	3.65	88	13905	10.250	ng/uL# 90
4) Benzaldehyde	7.58	77	46782	11.008	ng/ul 91
6) Phenol	7.60	94	132315	9.681	ng/ul 94
8) Bis(2-Chloroethyl)ether	7.86	93	105483	10.201	ng/ul 94
10) 2-Chlorophenol	8.01	128	90704	9.686	ng/ul 96
11) 2-Methylphenol	8.89	108	93852	9.455	ng/ul 97
12) 2,2'-oxybis(1-Chloropropan	8.99	45	117199	10.464	ng/ul# 92
14) Acetophenone	9.29	105	169945	10.375	ng/ul 96
15) N-Nitroso-di-n-propylamine	9.26	70	70694	9.558	ng/ul 94
16) 4-Methylphenol	9.22	108	108469	9.753	ng/ul 95
17) Hexachloroethane	9.56	117	34907	9.752	ng/ul# 72
20) Nitrobenzene	9.68	77	112145	9.540	ng/ul 98
21) Isophorone	10.20	82	206274	9.281	ng/ul 98
23) 2-Nitrophenol	10.40	139	40614	8.583	ng/ul 93
24) 2,4-Dimethylphenol	10.43	107	121011	9.841	ng/ul 97
25) Bis(2-Chloroethoxy)methane	10.68	93	151248	9.967	ng/ul 97
27) 2,4-Dichlorophenol	10.93	162	88700	9.795	ng/ul# 94
28) Naphthalene	11.35	128	350463	10.254	ng/ul 99
30) 4-Chloroaniline	11.44	127	80641	7.718	ng/ul 98
31) Hexachlorobutadiene	11.62	225	47144	9.829	ng/ul 97
32) Caprolactam	12.17	113	26378	7.686	ng/ul 88
33) 4-Chloro-3-methylphenol	12.53	107	108003	9.716	ng/ul 97
34) 2-Methylnaphthalene	12.92	142	246365	10.343	ng/ul 100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	13.14	142	246163	10.299	ng/ul	98
37) 1,2,4,5-Tetrachlorobenzene	13.28	216	107595	10.224	ng/ul#	94
38) Hexachlorocyclopentadiene	13.26	237	40653	7.981	ng/ul#	98
39) 2,4,6-Trichlorophenol	13.51	196	62355	9.398	ng/ul	97
40) 2,4,5-Trichlorophenol	13.57	196	66920	9.384	ng/ul	97
41) 1,1'-Biphenyl	13.90	154	321175	10.212	ng/ul#	94
42) 2-Chloronaphthalene	13.96	162	245741	10.175	ng/ul	94
43) 2-Nitroaniline	14.15	65	53050	8.578	ng/ul	95
45) Dimethylphthalate	14.50	163	302043	10.185	ng/ul#	98
46) 2,6-Dinitrotoluene	14.63	165	41452	8.366	ng/ul#	80
48) Acenaphthylene	14.79	152	389032	10.219	ng/ul	99
49) 3-Nitroaniline	14.96	138	45985	7.755	ng/ul#	88
50) Acenaphthene	15.13	153	275199	10.250	ng/ul	95
51) 2,4-Dinitrophenol	15.15	184	13475	5.863	ng/ul#	7
53) 4-Nitrophenol	15.23	109	45088	9.219	ng/ul	94
54) Dibenzofuran	15.46	168	389284	10.445	ng/ul	98
55) 2,4-Dinitrotoluene	15.40	165	69572	9.078	ng/ul	88
56) 2,3,4,6-Tetrachlorophenol	15.67	232	54851	9.534	ng/ul#	97
57) Diethylphthalate	15.85	149	299764	10.033	ng/ul	95
59) Fluorene	16.10	166	316306	10.572	ng/ul	100
60) 4-Chlorophenyl-phenylether	16.08	204	143807	10.641	ng/ul#	83
61) 4-Nitroaniline	16.10	138	66088	9.316	ng/ul#	93
64) 4,6-Dinitro-2-methylphenol	16.16	198	28431	6.879	ng/ul#	76
65) N-Nitrosodiphenylamine	16.29	169	261502	9.888	ng/ul	99
66) 4-Bromophenyl-phenylether	16.97	248	75638	9.775	ng/ul#	81
67) Hexachlorobenzene	17.09	284	85696	9.939	ng/ul#	81
68) Atrazine	17.22	200	71810	8.981	ng/ul	93
69) Pentachlorophenol	17.43	266	35830	7.659	ng/ul	94
70) Phenanthrene	17.83	178	516164	10.374	ng/ul	99
72) Anthracene	17.92	178	523301	10.329	ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	13.88	216	108141	9.624	ng/uL	98
74) Pentachlorobenzene	15.37	250	106621	9.913	ng/uL	97
75) Carbazole	18.17	167	473869	10.438	ng/ul#	97
76) Di-n-butylphthalate	18.70	149	460026	9.340	ng/ul	98
77) Fluoranthene	19.80	202	549424	10.548	ng/ul#	83
80) Pyrene	20.16	202	602853	9.988	ng/ul#	76
81) Butylbenzylphthalate	21.02	149	191261	8.190	ng/ul#	83
82) 3,3'-Dichlorobenzidine	21.80	252	129440	7.497	ng/ul#	97
83) Benzo(a)anthracene	21.88	228	602170	10.180	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.77	149	292563	8.338	ng/ul#	96
85) Chrysene	21.94	228	589994	10.317	ng/ul	99
87) Di-n-octyl phthalate	22.73	149	527366	8.213	ng/ul	100
88) Benzo(b)fluoranthene	23.62	252	631186	10.328	ng/ul#	94
89) Benzo(k)fluoranthene	23.67	252	607326	10.072	ng/ul#	94
91) Benzo(a)pyrene	24.27	252	623120	10.226	ng/ul#	94
92) Indeno(1,2,3-cd)pyrene	26.92	276	727558	10.213	ng/ul#	82
93) Dibenzo(a,h)anthracene	26.93	278	615615	10.367	ng/ul#	90
94) Benzo(g,h,i)perylene	27.71	276	607571	10.224	ng/ul#	86

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

