

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP030620\  
 Data File : BP002100.D  
 Acq On : 06 Mar 2020 17:05  
 Operator : CG/JU  
 Sample : SSTDCCC020  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 Client Sample ID :  
 SSTD02077

Quant Time: Mar 06 19:15:40 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_P\METHODS\SOM-EPA-BP022720MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Thu Mar 05 06:21:29 2020  
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	349906	20.00	ng/ul	0.00
18) Naphthalene-d8	10.41	136	1441115	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.27	164	907477	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.03	188	1980172	20.00	ng/ul	0.00
78) Chrysene-d12	21.12	240	1823419	20.00	ng/ul	0.00
86) Perylene-d12	23.33	264	2113967	20.00	ng/ul	-0.01

## System Monitoring Compounds

3) 1,4-Dioxane-d8	3.16	96	61660	7.58	ng/uL	0.00
5) Phenol-d5	6.82	99	521836	19.55	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.98	67	282650	20.00	ng/ul	0.00
9) 2-Chlorophenol-d4	7.18	132	451036	19.53	ng/ul	0.00
13) 4-Methylphenol-d8	8.35	113	423287	19.30	ng/ul	0.00
19) Nitrobenzene-d5	8.78	128	211280	19.09	ng/ul	0.00
22) 2-Nitrophenol-d4	9.50	143	225029	18.07	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.03	165	467955	19.50	ng/ul	0.00
29) 4-Chloroaniline-d4	10.54	131	556137	21.15	ng/ul	0.00
44) Dimethylphthalate-d6	13.69	166	1327093	19.32	ng/ul	0.00
47) Acenaphthylene-d8	13.96	160	1559294	18.98	ng/ul	0.00
52) 4-Nitrophenol-d4	14.47	143	214275	16.32	ng/ul	0.00
58) Fluorene-d10	15.27	176	1131425	19.04	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.39	200	172074	15.76	ng/ul	0.00
71) Anthracene-d10	17.12	188	1721066	19.34	ng/ul	0.00
79) Pyrene-d10	19.37	212	1983103	20.78	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.19	264	2128864	19.68	ng/ul	0.00

## Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) 1,4-Dioxane	3.20	88	62417	7.192	ng/uL	96
4) Benzaldehyde	6.78	77	254986	16.258	ng/ul	98
6) Phenol	6.85	94	557174	20.108	ng/ul	98
8) Bis(2-Chloroethyl)ether	7.07	93	431173	19.830	ng/ul	98
10) 2-Chlorophenol	7.20	128	482722	20.392	ng/ul	99
11) 2-Methylphenol	8.08	108	426634	19.692	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.17	45	469164	20.213	ng/ul	99
14) Acetophenone	8.45	105	665792	20.584	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.44	70	307232	19.932	ng/ul	97
16) 4-Methylphenol	8.40	108	467908	20.217	ng/ul	99
17) Hexachloroethane	8.71	117	182741	19.430	ng/ul	100
20) Nitrobenzene	8.82	77	468878	19.009	ng/ul	99
21) Isophorone	9.35	82	883444	18.876	ng/ul	99
23) 2-Nitrophenol	9.53	139	258551	19.083	ng/ul	99
24) 2,4-Dimethylphenol	9.60	107	496344	19.651	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.83	93	575300	19.412	ng/ul	100
27) 2,4-Dichlorophenol	10.06	162	478149	20.047	ng/ul	99
28) Naphthalene	10.46	128	1492628	19.333	ng/ul	99
30) 4-Chloroaniline	10.56	127	576876	22.068	ng/ul	100
31) Hexachlorobutadiene	10.76	225	322896	19.627	ng/ul	100
32) Caprolactam	11.30	113	129664	16.550	ng/ul	95
33) 4-Chloro-3-methylphenol	11.70	107	452807	19.104	ng/ul	98
34) 2-Methylnaphthalene	12.08	142	1091301	20.125	ng/ul	97

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35) 1-Methylnaphthalene	12.30	142	1041896	19.351	ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	12.46	216	627319	20.737	ng/ul	97
38) Hexachlorocyclopentadiene	12.45	237	362337	20.435	ng/ul	99
39) 2,4,6-Trichlorophenol	12.70	196	374725	18.830	ng/ul	99
40) 2,4,5-Trichlorophenol	12.76	196	409118	19.493	ng/ul	98
41) 1,1'-Biphenyl	13.10	154	1423591	20.167	ng/ul	98
42) 2-Chloronaphthalene	13.14	162	1106796	19.834	ng/ul	98
43) 2-Nitroaniline	13.34	65	245048	18.441	ng/ul	98
45) Dimethylphthalate	13.73	163	1333947	18.817	ng/ul	100
46) 2,6-Dinitrotoluene	13.85	165	268550	18.667	ng/ul	99
48) Acenaphthylene	13.99	152	1670615	19.183	ng/ul	100
49) 3-Nitroaniline	14.17	138	260322	19.553	ng/ul	93
50) Acenaphthene	14.34	153	1126011	19.230	ng/ul	96
51) 2,4-Dinitrophenol	14.39	184	188501	22.944	ng/ul	98
53) 4-Nitrophenol	14.49	109	158834	16.751	ng/ul	97
54) Dibenzofuran	14.67	168	1658336	20.052	ng/ul	99
55) 2,4-Dinitrotoluene	14.64	165	392292	19.038	ng/ul	100
56) 2,3,4,6-Tetrachlorophenol	14.90	232	349792	18.194	ng/ul	98
57) Diethylphthalate	15.12	149	1323895	18.920	ng/ul	100
59) Fluorene	15.33	166	1273710	19.272	ng/ul	100
60) 4-Chlorophenyl-phenylether	15.33	204	670890	19.264	ng/ul	98
61) 4-Nitroaniline	15.34	138	265733	19.053	ng/ul	98
64) 4,6-Dinitro-2-methylphenol	15.41	198	195520	16.444	ng/ul	95
65) N-Nitrosodiphenylamine	15.54	169	1151639	20.429	ng/ul	99
66) 4-Bromophenyl-phenylether	16.22	248	451978	19.917	ng/ul	96
67) Hexachlorobenzene	16.34	284	493035	19.134	ng/ul	96
68) Atrazine	16.50	200	418697	18.808	ng/ul	99
69) Pentachlorophenol	16.68	266	258752	16.261	ng/ul	98
70) Phenanthrene	17.07	178	2101652	19.265	ng/ul	99
72) Anthracene	17.16	178	2097090	19.415	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.06	216	627077	19.712	ng/uL	99
74) Pentachlorobenzene	14.60	250	601901	19.161	ng/uL	97
75) Carbazole	17.43	167	1882757	20.701	ng/ul	100
76) Di-n-butylphthalate	18.01	149	2146524	18.412	ng/ul	100
77) Fluoranthene	19.05	202	2505509	19.910	ng/ul	99
80) Pyrene	19.40	202	2561075	20.629	ng/ul	99
81) Butylbenzylphthalate	20.29	149	991144	19.677	ng/ul	98
82) 3,3'-Dichlorobenzidine	21.04	252	757611	18.197	ng/ul	99
83) Benzo(a)anthracene	21.10	228	2569457	20.828	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.06	149	1445357	19.552	ng/ul	99
85) Chrysene	21.16	228	2361494	20.065	ng/ul	99
87) Di-n-octyl phthalate	21.92	149	2413034	19.354	ng/ul	100
88) Benzo(b)fluoranthene	22.67	252	2540992	19.167	ng/ul	99
89) Benzo(k)fluoranthene	22.71	252	2620715	20.195	ng/ul	100
91) Benzo(a)pyrene	23.23	252	2484242	20.642	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.56	276	2979935	19.104	ng/ul	99
93) Dibenzo(a,h)anthracene	25.57	278	2467173	19.130	ng/ul	99
94) Benzo(a,h,i)perylene	26.23	276	2517456	19.119	ng/ul	98

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

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