

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP022020\  
 Data File : BP001819.D  
 Acq On : 21 Feb 2020 01:11  
 Operator : CG/JU  
 Sample : SSTDCCC020EC  
 Misc :  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 SSTD02088

Quant Time: Feb 21 07:18:24 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_P\METHODS\SOM-EPA-BP021820MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Feb 21 07:12:24 2020  
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	361294	20.00	ng/ul	0.00
18) Naphthalene-d8	10.43	136	1474372	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.29	164	908046	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.05	188	2027261	20.00	ng/ul	0.00
78) Chrysene-d12	21.14	240	1978163	20.00	ng/ul	0.00
86) Perylene-d12	23.35	264	2104330	20.00	ng/ul	0.00

## System Monitoring Compounds

3) 1,4-Dioxane-d8	3.18	96	62563	7.19	ng/uL	0.00
5) Phenol-d5	6.84	99	549358	20.12	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	295331	18.62	ng/ul	0.00
9) 2-Chlorophenol-d4	7.20	132	480117	21.76	ng/ul	0.00
13) 4-Methylphenol-d8	8.37	113	450065	20.78	ng/ul	0.00
19) Nitrobenzene-d5	8.80	128	224436	22.49	ng/ul	0.00
22) 2-Nitrophenol-d4	9.52	143	244085	27.04	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.06	165	488380	22.75	ng/ul	0.00
29) 4-Chloroaniline-d4	10.56	131	536192	21.12	ng/ul	0.00
44) Dimethylphthalate-d6	13.71	166	1336248	20.97	ng/ul	0.00
47) Acenaphthylene-d8	13.99	160	1688453	21.52	ng/ul	0.00
52) 4-Nitrophenol-d4	14.50	143	260367	23.47	ng/ul	0.01
58) Fluorene-d10	15.29	176	1203657	21.00	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.41	200	159589	19.97	ng/ul	0.00
71) Anthracene-d10	17.15	188	1844715	20.66	ng/ul	0.00
79) Pyrene-d10	19.39	212	2081957	20.51	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.22	264	2193712	21.59	ng/ul	0.00

## Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) 1,4-Dioxane	3.22	88	66154	7.091	ng/uL	97
4) Benzaldehyde	6.80	77	361297	21.620	ng/ul	98
6) Phenol	6.86	94	574980	19.875	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.09	93	449458	19.266	ng/ul	96
10) 2-Chlorophenol	7.23	128	489545	20.976	ng/ul	98
11) 2-Methylphenol	8.10	108	448028	20.455	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.20	45	505380	18.182	ng/ul	98
14) Acetophenone	8.47	105	676594	20.221	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.46	70	317763	20.483	ng/ul	99
16) 4-Methylphenol	8.43	108	483427	20.499	ng/ul	98
17) Hexachloroethane	8.73	117	191998	20.681	ng/ul	93
20) Nitrobenzene	8.85	77	503517	20.352	ng/ul	95
21) Isophorone	9.37	82	946752	20.820	ng/ul	99
23) 2-Nitrophenol	9.55	139	268863	24.859	ng/ul	99
24) 2,4-Dimethylphenol	9.62	107	508428	20.931	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.86	93	589857	19.168	ng/ul	100
27) 2,4-Dichlorophenol	10.09	162	486825	22.099	ng/ul	99
28) Naphthalene	10.48	128	1567167	19.891	ng/ul	99
30) 4-Chloroaniline	10.59	127	537373	20.945	ng/ul	99
31) Hexachlorobutadiene	10.79	225	326350	20.951	ng/ul	99
32) Caprolactam	11.33	113	153115	23.006	ng/ul	93
33) 4-Chloro-3-methylphenol	11.73	107	470570	22.435	ng/ul	98
34) 2-Methylnaphthalene	12.10	142	1094172	20.146	ng/ul	99

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35) 1-Methylnaphthalene	12.32	142	1084009	20.252	ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	12.48	216	604175	20.427	ng/ul	99
38) Hexachlorocyclopentadiene	12.47	237	277848	17.391	ng/ul	99
39) 2,4,6-Trichlorophenol	12.72	196	393957	24.920	ng/ul	99
40) 2,4,5-Trichlorophenol	12.79	196	424094	24.366	ng/ul	99
41) 1,1'-Biphenyl	13.12	154	1426360	20.149	ng/ul	99
42) 2-Chloronaphthalene	13.16	162	1135062	20.307	ng/ul	99
43) 2-Nitroaniline	13.36	65	267158	23.811	ng/ul	91
45) Dimethylphthalate	13.76	163	1383346	20.626	ng/ul	100
46) 2,6-Dinitrotoluene	13.87	165	284011	24.299	ng/ul	93
48) Acenaphthylene	14.01	152	1793774	21.072	ng/ul	99
49) 3-Nitroaniline	14.19	138	279477	23.486	ng/ul#	93
50) Acenaphthene	14.36	153	1189571	20.451	ng/ul	98
51) 2,4-Dinitrophenol	14.40	184	97936	20.191	ng/ul	96
53) 4-Nitrophenol	14.51	109	187337	22.804	ng/ul	96
54) Dibenzofuran	14.70	168	1687881	20.604	ng/ul	100
55) 2,4-Dinitrotoluene	14.66	165	409106	23.772	ng/ul	94
56) 2,3,4,6-Tetrachlorophenol	14.93	232	370691	26.352	ng/ul	96
57) Diethylphthalate	15.13	149	1371850	21.392	ng/ul	99
59) Fluorene	15.35	166	1356010	20.808	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.35	204	695981	20.579	ng/ul	100
61) 4-Nitroaniline	15.36	138	321297	23.914	ng/ul	98
64) 4,6-Dinitro-2-methylphenol	15.43	198	176580	19.810	ng/ul	97
65) N-Nitrosodiphenylamine	15.56	169	1170311	20.135	ng/ul	100
66) 4-Bromophenyl-phenylether	16.25	248	450799	20.260	ng/ul	98
67) Hexachlorobenzene	16.36	284	517558	20.155	ng/ul	98
68) Atrazine	16.52	200	446389	21.302	ng/ul	99
69) Pentachlorophenol	16.70	266	322625	25.951	ng/ul	99
70) Phenanthrene	17.09	178	2251315	20.137	ng/ul	99
72) Anthracene	17.18	178	2268051	20.537	ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	13.09	216	652083	19.621	ng/uL	99
74) Pentachlorobenzene	14.62	250	642463	19.833	ng/uL	99
75) Carbazole	17.45	167	2015141	21.880	ng/ul	99
76) Di-n-butylphthalate	18.03	149	2405905	23.738	ng/ul	99
77) Fluoranthene	19.06	202	2698142	22.537	ng/ul	99
80) Pyrene	19.42	202	2730064	20.290	ng/ul	100
81) Butylbenzylphthalate	20.30	149	1124953	26.930	ng/ul	99
82) 3,3'-Dichlorobenzidine	21.06	252	931857	21.783	ng/ul	99
83) Benzo(a)anthracene	21.12	228	2617008	20.089	ng/ul	100
84) Bis(2-ethylhexyl)phthalate	21.07	149	1597456	23.081	ng/ul	99
85) Chrysene	21.17	228	2454726	19.289	ng/ul	100
87) Di-n-octyl phthalate	21.95	149	2742413	26.022	ng/ul	100
88) Benzo(b)fluoranthene	22.69	252	2644329	21.356	ng/ul	100
89) Benzo(k)fluoranthene	22.73	252	2589108	20.172	ng/ul	99
91) Benzo(a)pyrene	23.26	252	2430679	20.946	ng/ul	100
92) Indeno(1,2,3-cd)pyrene	25.59	276	3091977	21.331	ng/ul	99
93) Dibenzo(a,h)anthracene	25.61	278	2568668	21.099	ng/ul	99
94) Benzo(a,h,i)perylene	26.27	276	2621935	21.278	ng/ul	99

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