

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020719\
 Data File : BN004351.D
 Acq On : 07 Feb 2019 11:05
 Operator : JU/SJ
 Sample : SSTD00561
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Feb 07 13:12:34 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020719MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Feb 07 12:56:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	26001	20.00	ng/ul	0.00
18) Naphthalene-d8	10.53	136	130069	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.39	164	88715	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.14	188	223083	20.00	ng/ul	0.00
78) Chrysene-d12	21.34	240	299880	20.00	ng/ul	0.00
86) Perylene-d12	23.61	264	340448	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.25	96	737	1.30	ng/uL	0.00
5) Phenol-d5	6.90	99	9702	4.08	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.09	67	5311	3.83	ng/ul	0.00
9) 2-Chlorophenol-d4	7.28	132	8353	4.54	ng/ul	0.00
13) 4-Methylphenol-d8	8.44	113	8001	4.26	ng/ul	0.00
19) Nitrobenzene-d5	8.90	128	3419	3.36	ng/ul	0.00
22) 2-Nitrophenol-d4	9.62	143	3359	2.95	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.15	165	8411	3.97	ng/ul	0.00
29) 4-Chloroaniline-d4	10.68	131	10188	5.89	ng/ul	0.00
44) Dimethylphthalate-d6	13.80	166	35630	4.68	ng/ul	0.00
47) Acenaphthylene-d8	14.08	160	39899	4.32	ng/ul	0.00
52) 4-Nitrophenol-d4	14.58	143	4936	3.47	ng/ul	0.00
58) Fluorene-d10	15.38	176	33141	5.02	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.50	200	4053	2.61	ng/ul	0.00
71) Anthracene-d10	17.23	188	51434	4.66	ng/ul	0.00
79) Pyrene-d10	19.54	212	65025	4.68	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.46	264	83517	4.65	ng/ul	0.00

Target Compounds

					Qvalue
2) 1,4-Dioxane	3.28	88	1148	2.016 ng/uL#	92
4) Benzaldehyde	6.90	77	6005	13.266 ng/ul	97
6) Phenol	6.93	94	9661	4.096 ng/ul	99
8) Bis(2-Chloroethyl)ether	7.18	93	7664	4.290 ng/ul	93
10) 2-Chlorophenol	7.30	128	8355	4.517 ng/ul	98
11) 2-Methylphenol	8.18	108	7496	4.220 ng/ul	95
12) 2,2'-oxybis(1-Chloropropan	8.27	45	6386	2.682 ng/ul	98
14) Acetophenone	8.57	105	13922	4.811 ng/ul	99
15) N-Nitroso-di-n-propylamine	8.55	70	5701	4.011 ng/ul	99
16) 4-Methylphenol	8.50	108	8563	4.476 ng/ul	92
17) Hexachloroethane	8.82	117	3013	4.165 ng/ul	96
20) Nitrobenzene	8.95	77	8223	3.423 ng/ul	96
21) Isophorone	9.46	82	17049	3.909 ng/ul	99
23) 2-Nitrophenol	9.66	139	3823	3.183 ng/ul	98
24) 2,4-Dimethylphenol	9.70	107	10344	4.332 ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.96	93	12113	4.377 ng/ul	97
27) 2,4-Dichlorophenol	10.18	162	8749	4.313 ng/ul	97
28) Naphthalene	10.59	128	33195	4.878 ng/ul	98
30) 4-Chloroaniline	10.70	127	10487	5.935 ng/ul	98
31) Hexachlorobutadiene	10.86	225	6399	4.769 ng/ul	98
32) Caprolactam	11.46	113	2004	2.912 ng/ul	85
33) 4-Chloro-3-methylphenol	11.81	107	9303	4.170 ng/ul	97
34) 2-Methylnaphthalene	12.20	142	25650	5.130 ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

35) 1-Methylnaphthalene	12.42	142	25589	5.338	ng/ul	98
37) 1,2,4,5-Tetrachlorobenzene	12.56	216	14080	4.722	ng/ul	98
38) Hexachlorocyclopentadiene	12.54	237	7500	3.945	ng/ul	94
39) 2,4,6-Trichlorophenol	12.81	196	6931	3.664	ng/ul	97
40) 2,4,5-Trichlorophenol	12.87	196	8070	3.964	ng/ul	98
41) 1,1'-Biphenyl	13.22	154	35508	4.838	ng/ul	99
42) 2-Chloronaphthalene	13.26	162	27202	4.744	ng/ul	98
43) 2-Nitroaniline	13.47	65	3872	2.395	ng/ul	99
45) Dimethylphthalate	13.85	163	36239	4.916	ng/ul	100
46) 2,6-Dinitrotoluene	13.97	165	4587	3.101	ng/ul	92
48) Acenaphthylene	14.11	152	39343	4.538	ng/ul	100
49) 3-Nitroaniline	14.30	138	4538	3.254	ng/ul	98
50) Acenaphthene	14.45	153	30052	4.841	ng/ul	99
51) 2,4-Dinitrophenol	14.50	184	2414	2.456	ng/ul	97
53) 4-Nitrophenol	14.59	109	3664	3.400	ng/ul	90
54) Dibenzofuran	14.79	168	44554	5.067	ng/ul	99
55) 2,4-Dinitrotoluene	14.76	165	7588	3.438	ng/ul#	98
56) 2,3,4,6-Tetrachlorophenol	15.01	232	7303	3.876	ng/ul#	99
57) Diethylphthalate	15.22	149	34243	4.647	ng/ul	99
59) Fluorene	15.44	166	35947	4.959	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.44	204	19370	5.222	ng/ul	98
61) 4-Nitroaniline	15.46	138	5785	3.460	ng/ul	99
64) 4,6-Dinitro-2-methylphenol	15.51	198	4368	2.752	ng/ul#	94
65) N-Nitrosodiphenylamine	15.65	169	30888	4.608	ng/ul	98
66) 4-Bromophenyl-phenylether	16.33	248	11962	4.775	ng/ul	98
67) Hexachlorobenzene	16.43	284	14310	5.063	ng/ul	95
68) Atrazine	16.60	200	9879	4.006	ng/ul	97
69) Pentachlorophenol	16.78	266	5635	3.193	ng/ul	98
70) Phenanthrene	17.18	178	62571	4.885	ng/ul	99
72) Anthracene	17.27	178	60199	4.627	ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	13.18	216	14207	4.517	ng/uL	97
74) Pentachlorobenzene	14.70	250	16209	5.009	ng/uL	99
75) Carbazole	17.55	167	53114	4.669	ng/ul	99
76) Di-n-butylphthalate	18.10	149	54107	4.070	ng/ul	99
77) Fluoranthene	19.20	202	75823	5.164	ng/ul	99
80) Pyrene	19.57	202	81178	4.662	ng/ul	99
81) Butylbenzylphthalate	20.47	149	22016	3.167	ng/ul	97
82) 3,3'-Dichlorobenzidine	21.26	252	23917	4.078	ng/ul	98
83) Benzo(a)anthracene	21.32	228	90422	4.927	ng/ul	100
84) Bis(2-ethylhexyl)phthalate	21.25	149	34144	3.361	ng/ul	99
85) Chrysene	21.37	228	87696	5.026	ng/ul	100
87) Di-n-octyl phthalate	22.14	149	58304	3.288	ng/ul	100
88) Benzo(b)fluoranthene	22.92	252	96772	4.856	ng/ul	98
89) Benzo(k)fluoranthene	22.97	252	95218	4.891	ng/ul	99
91) Benzo(a)pyrene	23.51	252	94813	4.870	ng/ul	100
92) Indeno(1,2,3-cd)pyrene	25.90	276	115583	4.879	ng/ul	98
93) Dibenzo(a,h)anthracene	25.92	278	97231	4.915	ng/ul	99
94) Benzo(g,h,i)perylene	26.61	276	96952	4.818	ng/ul	98

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

