

Data Path : Z:\HPCHEM1\BNA B\DATA\BB101016\
 Data File : BB058600.D
 Acq On : 10 Oct 2016 19:37
 Operator : UM/SJ
 Sample : SSTD16081
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_B
 ClientSampleId :

Quant Time: Oct 11 10:55:28 2016
 Quant Method : Z:\HPCHEM1\BNA B\METHOD\SOM02.2-EPA-BB101016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Oct 11 10:48:11 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.68	152	549751	20.00	ng/ul	0.02
18) Naphthalene-d8	11.64	136	2113817	20.00	ng/ul	0.02
35) Acenaphthene-d10	15.59	164	1269541	20.00	ng/ul	0.02
61) Phenanthrene-d10	18.44	188	2032187	20.00	ng/ul	0.02
75) Chrysene-d12	22.81	240	2380708	20.00	ng/ul	0.02
83) Perylene-d12	25.91	264	1803594	20.00	ng/ul	0.06

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.64	96	784846	56.00	ng/uL	-0.02
5) Phenol-d5	7.87	99	6495705	153.70	ng/ul	0.06
7) Bis-(2-Chloroethyl)ether-d	7.97	67	3987780	140.07	ng/ul	0.02
9) 2-Chlorophenol-d4	8.22	132	6767937	168.14	ng/ul	0.04
13) 4-Methylphenol-d8	9.51	113	5361916	164.53	ng/ul	0.06
19) Nitrobenzene-d5	9.95	128	3618483	167.86	ng/ul	0.06
22) 2-Nitrophenol-d4	10.70	143	4214456	174.56	ng/ul	0.04
26) 2,4-Dichlorophenol-d3	11.30	165	5827120	176.46	ng/ul	0.06
29) 4-Chloroaniline-d4	11.80	131	5581659	148.64	ng/ul	0.06
43) Dimethylphthalate-d6	15.01	166	11504149	136.74	ng/ul	0.06
46) Acenaphthylene-d8	15.28	160	12605357	122.59	ng/ul	0.04
51) 4-Nitrophenol-d4	15.90	143	3546437	167.14	ng/ul	0.14
57) Fluorene-d10	16.63	176	10079268	149.53	ng/ul	0.04
62) 4,6-Dinitro-2-methylphenol	16.82	200	4247974	224.70	ng/ul	0.10
70) Anthracene-d10	18.58	188	11603201	125.48	ng/ul	0.06
76) Pyrene-d10	20.89	212	12374953	112.78	ng/ul	0.04
87) Benzo(a)pyrene-d12	25.74	264	14244210	176.84	ng/ul	0.10

Target Compounds

						Ovalue
2) 1,4-Dioxane	3.67	88	763229	54.12	ng/uL#	77
4) Benzaldehyde	7.74	77	2510943	90.80	ng/ul	97
6) Phenol	7.91	94	6074748	151.55	ng/ul#	69
8) Bis(2-Chloroethyl)ether	8.10	93	5178867	146.59	ng/ul	93
10) 2-Chlorophenol	8.26	128	6010044	158.43	ng/ul#	88
11) 2-Methylphenol	9.20	108	5070249	163.44	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	9.28	45	7591048	128.24	ng/ul	97
14) Acetophenone	9.58	105	7972896	170.26	ng/ul#	68
15) N-Nitroso-di-n-propylamine	9.57	70	59881	2.12	ng/ul#	1
16) 4-Methylphenol	9.57	108	3979641	121.14	ng/ul	100
17) Hexachloroethane	9.83	117	3090253	174.45	ng/ul#	74
20) Nitrobenzene	9.99	77	5976046	150.66	ng/ul#	73
21) Isophorone	10.59	82	12227287	154.86	ng/ul#	90
23) 2-Nitrophenol	10.74	139	4314889	182.87	ng/ul	87
24) 2,4-Dimethylphenol	10.84	107	6455526	167.85	ng/ul	91
25) Bis(2-Chloroethoxy)methane	11.05	93	5988143	143.62	ng/ul#	86
27) 2,4-Dichlorophenol	11.32	162	5457403	174.11	ng/ul	92
28) Naphthalene	11.70	128	11280466	114.02	ng/ul#	68
30) 4-Chloroaniline	11.82	127	4991003	144.07	ng/ul#	88
31) Hexachlorobutadiene	12.03	225	3663029	219.54	ng/ul	97
32) Caprolactam	12.76	113	692074	52.21	ng/ul	88
33) 4-Chloro-3-methylphenol	13.03	107	5395922	163.89	ng/ul	88
34) 2-Methylnaphthalene	13.36	142	8954042	131.73	ng/ul	97

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

36) 1,2,4,5-Tetrachlorobenzene	13.76	216	5674467	187.34	ng/ul#	92
37) Hexachlorocyclopentadiene	13.74	237	4245269	271.41	ng/ul#	94
38) 2,4,6-Trichlorophenol	13.99	196	4425786	196.61	ng/ul	100
39) 2,4,5-Trichlorophenol	13.99	196	4425786	192.34	ng/ul	99
40) 1,1'-Biphenyl	14.42	154	9633616	116.63	ng/ul#	67
41) 2-Chloronaphthalene	14.46	162	9451172	144.95	ng/ul#	76
42) 2-Nitroaniline	14.65	65	4064664	159.93	ng/ul#	87
44) Dimethylphthalate	15.05	163	10426733	128.34	ng/ul#	74
45) 2,6-Dinitrotoluene	15.19	165	3689638	171.79	ng/ul	94
47) Acenaphthylene	15.32	152	10783204	107.91	ng/ul#	53
48) 3-Nitroaniline	14.67	138	4789622	165.66	ng/ul#	35
49) Acenaphthene	15.67	153	8917533	135.60	ng/ul#	84
50) 2,4-Dinitrophenol	15.75	184	3255148	231.79	ng/ul#	79
52) 4-Nitrophenol	15.92	109	2818988	202.28	ng/ul#	84
53) Dibenzofuran	16.03	168	10605942	113.58	ng/ul#	46
54) 2,4-Dinitrotoluene	16.01	165	5496200	188.79	ng/ul#	76
55) 2,3,4,6-Tetrachlorophenol	16.28	232	4362446	242.46	ng/ul	93
56) Diethylphthalate	16.48	149	9082680	102.81	ng/ul#	56
58) Fluorene	16.71	166	9497707	128.01	ng/ul#	92
59) 4-Chlorophenyl-phenylether	16.67	204	5947384	171.18	ng/ul#	75
60) 4-Nitroaniline	16.71	138	325355	14.51	ng/ul#	23
63) 4,6-Dinitro-2-methylphenol	16.82	198	4237128	222.71	ng/ul	95
64) N-Nitrosodiphenylamine	16.90	169	9348001	136.45	ng/ul#	84
65) 4-Bromophenyl-phenylether	17.59	248	4053036	184.70	ng/ul	93
66) Hexachlorobenzene	17.77	284	4806067	195.07	ng/ul	94
67) Atrazine	17.92	200	4041736	183.81	ng/ul#	86
68) Pentachlorophenol	18.11	266	3650686	227.70	ng/ul	98
69) Phenanthrene	18.50	178	12174916	114.58	ng/ul#	59
71) Anthracene	18.61	178	10958529	101.22	ng/ul#	39
72) Carbazole	18.86	167	10477521	111.40	ng/ul#	53
73) Di-n-butylphthalate	19.42	149	10332319	67.60	ng/ul#	46
74) Fluoranthene	20.54	202	11974240	123.75	ng/ul#	55
77) Pyrene	20.92	202	11690065	86.41	ng/ul#	36
78) Butylbenzylphthalate	21.81	149	8531994	87.11	ng/ul#	80
79) 3,3'-Dichlorobenzidine	22.71	252	4956013	125.30	ng/ul#	86
80) Benzo(a)anthracene	22.79	228	14523146	116.31	ng/ul#	65
81) Bis(2-ethylhexyl)phthalate	22.70	149	9414079	74.90	ng/ul#	11
82) Chrysene	22.89	228	11602591	103.44	ng/ul#	53
84) Di-n-octyl phthalate	22.70	149	9414079	101.07	ng/ul#	11
85) Benzo(b)fluoranthene	25.01	252	20496615	177.75	ng/ul#	74
86) Benzo(k)fluoranthene	25.01	252	20496615	251.89	ng/ul#	75
88) Benzo(a)pyrene	25.81	252	15536938	164.18	ng/ul#	79
89) Indeno(1,2,3-cd)pyrene	29.36	276	14111645	148.33	ng/ul#	89
90) Dibenzo(a,h)anthracene	29.36	278	12346311	157.40	ng/ul#	95
91) Benzo(g,h,i)perylene	30.32	276	10333008	135.31	ng/ul	97

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

