

Data Path : Z:\HPCHEM1\BNA M\DATA\BM020817\
 Data File : BM008985.D
 Acq On : 08 Feb 2017 14:03
 Operator : SJ/MA
 Sample : SSTD16040
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD16040

Quant Time: Feb 08 14:37:23 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM020817.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Feb 03 22:25:40 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	223220	20.00	ng/ul	0.00
18) Naphthalene-d8	10.72	136	887128	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.55	164	644668	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.30	188	1362163	20.00	ng/ul	0.00
75) Chrysene-d12	21.47	240	1700929	20.00	ng/ul	0.00
83) Perylene-d12	23.82	264	1556762	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.36	96	351883	63.04	ng/uL	-0.01
5) Phenol-d5	7.07	99	3284040	157.46	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.25	67	2256997	132.18	ng/ul	0.00
9) 2-Chlorophenol-d4	7.45	132	2281473	177.25	ng/ul	0.00
13) 4-Methylphenol-d8	8.62	113	2436128	154.56	ng/ul	0.00
19) Nitrobenzene-d5	9.09	128	1102238	172.09	ng/ul	0.00
22) 2-Nitrophenol-d4	9.80	143	1281705	180.03	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.33	165	2504676	167.00	ng/ul	0.00
29) 4-Chloroaniline-d4	10.86	131	2053001	149.39	ng/ul	0.00
43) Dimethylphthalate-d6	13.96	166	7339606	155.32	ng/ul	0.00
46) Acenaphthylene-d8	14.25	160	9329207	174.14	ng/ul	0.00
51) 4-Nitrophenol-d4	14.76	143	1362557	176.67	ng/ul	0.02
57) Fluorene-d10	15.54	176	6824242	156.49	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.67	200	1524885	172.91	ng/ul	0.01
70) Anthracene-d10	17.40	188	10698276	164.38	ng/ul	0.00
76) Pyrene-d10	19.69	212	12351157	164.71	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.68	264	12306969	174.10	ng/ul	0.00

Target Compounds

						Ovalue
2) 1,4-Dioxane	3.40	88	380607	54.18	ng/uL#	69
4) Benzaldehyde	7.06	77	1924150	92.27	ng/ul#	82
6) Phenol	7.10	94	3469756	156.87	ng/ul#	66
8) Bis(2-Chloroethyl)ether	7.34	93	2660086	159.08	ng/ul#	80
10) 2-Chlorophenol	7.47	128	2297047	172.69	ng/ul#	79
11) 2-Methylphenol	8.35	108	2415778	155.76	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.45	45	4179173	126.19	ng/ul	98
14) Acetophenone	8.75	105	4117005	139.14	ng/ul#	72
15) N-Nitroso-di-n-propylamine	8.75	70	2492676	128.26	ng/ul#	78
16) 4-Methylphenol	8.69	108	2611053	157.69	ng/ul	96
17) Hexachloroethane	8.99	117	1124584	132.78	ng/ul#	82
20) Nitrobenzene	9.13	77	3569360	121.62	ng/ul#	87
21) Isophorone	9.66	82	6250440	143.56	ng/ul#	94
23) 2-Nitrophenol	9.83	139	1344845	181.79	ng/ul#	54
24) 2,4-Dimethylphenol	9.88	107	3122325	138.93	ng/ul	89
25) Bis(2-Chloroethoxy)methane	10.13	93	3582914	161.84	ng/ul	97
27) 2,4-Dichlorophenol	10.36	162	2449347	162.78	ng/ul#	92
28) Naphthalene	10.77	128	7389070	168.07	ng/ul	98
30) 4-Chloroaniline	10.88	127	2147552	148.83	ng/ul	94
31) Hexachlorobutadiene	11.03	225	1882246	126.71	ng/ul	99
32) Caprolactam	11.70	113	406957	89.06	ng/ul	84
33) 4-Chloro-3-methylphenol	12.00	107	2825967	141.38	ng/ul#	89
34) 2-Methylnaphthalene	12.37	142	5579422	162.04	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.74	216	3461214	159.91	ng/ul#	95
37) Hexachlorocyclopentadiene	12.71	237	2332905	141.66	ng/ul	98
38) 2,4,6-Trichlorophenol	12.98	196	2178282	166.72	ng/ul	91
39) 2,4,5-Trichlorophenol	13.05	196	2342485	164.44	ng/ul	93
40) 1,1'-Biphenyl	13.39	154	7457425	170.14	ng/ul	94
41) 2-Chloronaphthalene	13.43	162	5875381	171.03	ng/ul	96
42) 2-Nitroaniline	13.64	65	2298666	124.09	ng/ul#	74
44) Dimethylphthalate	14.01	163	7237445	156.99	ng/ul	99
45) 2,6-Dinitrotoluene	14.14	165	1571941	178.14	ng/ul#	67
47) Acenaphthylene	14.28	152	9023427	171.05	ng/ul	99
48) 3-Nitroaniline	14.47	138	1190602	157.25	ng/ul#	77
49) Acenaphthene	14.62	153	6296021	166.28	ng/ul	97
50) 2,4-Dinitrophenol	14.67	184	1115626	167.39	ng/ul#	71
52) 4-Nitrophenol	14.77	109	1577390	93.78	ng/ul#	72
53) Dibenzofuran	14.95	168	9017010	156.26	ng/ul	92
54) 2,4-Dinitrotoluene	14.92	165	2256817	168.34	ng/ul#	63
55) 2,3,4,6-Tetrachlorophenol	15.17	232	2190593	159.56	ng/ul#	92
56) Diethylphthalate	15.37	149	7629203	149.38	ng/ul	97
58) Fluorene	15.60	166	7691827	156.65	ng/ul	96
59) 4-Chlorophenyl-phenylether	15.59	204	4068292	144.97	ng/ul	94
60) 4-Nitroaniline	15.64	138	1461061	149.15	ng/ul#	34
63) 4,6-Dinitro-2-methylphenol	15.69	198	1595678	178.78	ng/ul#	77
64) N-Nitrosodiphenylamine	15.81	169	6627308	175.90	ng/ul	99
65) 4-Bromophenyl-phenylether	16.49	248	2598172	162.46	ng/ul	90
66) Hexachlorobenzene	16.60	284	2782937	161.54	ng/ul	92
67) Atrazine	16.76	200	2587883	152.25	ng/ul	97
68) Pentachlorophenol	16.94	266	1836863	167.78	ng/ul	87
69) Phenanthrene	17.34	178	12179450	165.26	ng/ul	99
71) Anthracene	17.43	178	12281057	162.06	ng/ul	99
72) Carbazole	17.70	167	11079602	164.48	ng/ul	99
73) Di-n-butylphthalate	18.25	149	12327778	154.56	ng/ul#	95
74) Fluoranthene	19.35	202	13436545	136.53	ng/ul#	82
77) Pyrene	19.72	202	13309365	141.42	ng/ul#	79
78) Butylbenzylphthalate	20.60	149	6531784	187.00	ng/ul	86
79) 3,3'-Dichlorobenzidine	21.39	252	4611738	138.84	ng/ul	99
80) Benzo(a)anthracene	21.45	228	13762285	139.97	ng/ul#	86
81) Bis(2-ethylhexyl)phthalate	21.36	149	9214270	188.55	ng/ul#	88
82) Chrysene	21.50	228	12909612	138.89	ng/ul	95
84) Di-n-octyl phthalate	22.27	149	13489868	143.00	ng/ul#	99
85) Benzo(b)fluoranthene	23.11	252	16461559	174.79	ng/ul#	96
86) Benzo(k)fluoranthene	23.16	252	14387663	159.47	ng/ul#	94
88) Benzo(a)pyrene	23.73	252	15228448	169.24	ng/ul#	96
89) Indeno(1,2,3-cd)pyrene	26.25	276	16892765	174.51	ng/ul#	92
90) Dibenzo(a,h)anthracene	26.27	278	14246526	172.44	ng/ul#	94
91) Benzo(g,h,i)perylene	27.00	276	14059989	177.35	ng/ul#	95

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

