

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM020615\
 Data File : BM000447.D
 Acq On : 06 Feb 2015 23:38
 Operator : TP/IZ
 Sample : SSTD16091
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 LabSampleId :
 SSTD16091

Quant Time: Feb 07 02:55:19 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM020615.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Feb 07 02:21:00 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	169253	20.00	ng/ul	0.00
18) Naphthalene-d8	10.52	136	619097	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.38	164	347107	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.13	188	737238	20.00	ng/ul	0.00
75) Chrysene-d12	21.32	240	811199	20.00	ng/ul	0.00
83) Perylene-d12	23.57	264	788739	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.19	96	177835	64.05	ng/uL	0.00
5) Phenol-d5	6.91	99	1834933	152.80	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	7.07	67	1062494	148.21	ng/ul	0.00
9) 2-Chlorophenol-d4	7.27	132	1592096	160.99	ng/ul	0.01
13) 4-Methylphenol-d8	8.45	113	1465416	142.02	ng/ul	0.02
19) Nitrobenzene-d5	8.89	128	714344	184.38	ng/ul	0.00
22) 2-Nitrophenol-d4	9.61	143	824472	185.64	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.15	165	1603952	163.75	ng/ul	0.01
29) 4-Chloroaniline-d4	10.66	131	1168354	129.00	ng/ul	0.00
43) Dimethylphthalate-d6	13.80	166	3812797	151.51	ng/ul	0.01
46) Acenaphthylene-d8	14.07	160	5297614	160.60	ng/ul	0.00
51) 4-Nitrophenol-d4	14.60	143	699629	164.76	ng/ul	0.03
57) Fluorene-d10	15.38	176	3611820	145.54	ng/ul	0.01
62) 4,6-Dinitro-2-methylphenol	15.51	200	737198	181.61	ng/ul	0.02
70) Anthracene-d10	17.23	188	5327372	156.98	ng/ul	0.00
76) Pyrene-d10	19.53	212	5778975	141.69	ng/ul	0.01
87) Benzo(a)pyrene-d12	23.44	264	5709343	158.67	ng/ul	0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.23	88	198458	61.11	ng/ul	94
4) Benzaldehyde	6.87	77	427930	111.41	ng/ul	94
6) Phenol	6.93	94	1847784	150.91	ng/ul	98
8) Bis(2-Chloroethyl)ether	7.16	93	1433253	152.10	ng/ul	99
10) 2-Chlorophenol	7.30	128	1606321	158.07	ng/ul	97
11) 2-Methylphenol	8.17	108	1467320	148.21	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.27	45	2744432	139.92	ng/ul	98
14) Acetophenone	8.56	105	2336917	138.45	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.57	70	1107274	137.28	ng/ul#	95
16) 4-Methylphenol	8.52	108	1520891	141.72	ng/ul	94
17) Hexachloroethane	8.80	117	723824	157.83	ng/ul	97
20) Nitrobenzene	8.94	77	1807018	160.74	ng/ul	97
21) Isophorone	9.47	82	3025387	155.84	ng/ul	99
23) 2-Nitrophenol	9.65	139	835238	177.59	ng/ul	98
24) 2,4-Dimethylphenol	9.70	107	1822081	152.84	ng/ul	97
25) Bis(2-Chloroethoxy)methane	9.95	93	1744403	154.43	ng/ul	99
27) 2,4-Dichlorophenol	10.17	162	1526413	160.55	ng/ul	98
28) Naphthalene	10.57	128	4834776	156.19	ng/ul	99
30) 4-Chloroaniline	10.69	127	1177166	125.90	ng/ul	97
31) Hexachlorobutadiene	10.86	225	1178995	159.49	ng/ul	99
32) Caprolactam	11.48	113	210371	81.40	ng/ul	92
33) 4-Chloro-3-methylphenol	11.82	107	1540073	141.74	ng/ul	95
34) 2-Methylnaphthalene	12.19	142	3415671	144.87	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.56	216	1877120	167.66	ng/ul	97
37) Hexachlorocyclopentadiene	12.54	237	1340643	194.78	ng/ul	99
38) 2,4,6-Trichlorophenol	12.81	196	1163961	183.84	ng/ul	95
39) 2,4,5-Trichlorophenol	12.88	196	1222050	174.34	ng/ul	95
40) 1,1'-Biphenyl	13.21	154	4452809	162.68	ng/ul	99
41) 2-Chloronaphthalene	13.25	162	3451526	163.42	ng/ul	99
42) 2-Nitroaniline	13.47	65	1043500	178.04	ng/ul	95
44) Dimethylphthalate	13.85	163	4081261	147.92	ng/ul	99
45) 2,6-Dinitrotoluene	13.97	165	868534	178.67	ng/ul	95
47) Acenaphthylene	14.10	152	5385719	157.47	ng/ul	99
48) 3-Nitroaniline	14.29	138	626685	138.59	ng/ul	97
49) Acenaphthene	14.45	153	3502196	155.95	ng/ul	97
50) 2,4-Dinitrophenol	14.50	184	528252	186.98	ng/ul	99
52) 4-Nitrophenol	14.62	109	827422	137.36	ng/ul	97
53) Dibenzofuran	14.78	168	4984865	149.85	ng/ul	100
54) 2,4-Dinitrotoluene	14.76	165	1224670	163.52	ng/ul#	98
55) 2,3,4,6-Tetrachlorophenol	15.01	232	1028837	165.92	ng/ul	95
56) Diethylphthalate	15.22	149	4112486	144.02	ng/ul	100
58) Fluorene	15.43	166	4009135	145.47	ng/ul	98
59) 4-Chlorophenyl-phenylether	15.43	204	2046021	144.24	ng/ul	99
60) 4-Nitroaniline	15.47	138	870782	165.88	ng/ul	94
63) 4,6-Dinitro-2-methylphenol	15.53	198	741628	175.32	ng/ul#	99
64) N-Nitrosodiphenylamine	15.64	169	3353460	162.69	ng/ul	98
65) 4-Bromophenyl-phenylether	16.32	248	1216035	161.65	ng/ul	100
66) Hexachlorobenzene	16.44	284	1349874	155.25	ng/ul	99
67) Atrazine	16.60	200	1167873	153.07	ng/ul	98
68) Pentachlorophenol	16.78	266	843564	177.16	ng/ul	100
69) Phenanthrene	17.17	178	6140439	154.72	ng/ul	97
71) Anthracene	17.26	178	6207031	154.24	ng/ul	99
72) Carbazole	17.53	167	5537546	160.28	ng/ul	99
73) Di-n-butylphthalate	18.09	149	6421024	164.91	ng/ul	98
74) Fluoranthene	19.19	202	7055260	158.54	ng/ul	99
77) Pyrene	19.56	202	7312524	136.75	ng/ul	99
78) Butylbenzylphthalate	20.46	149	3177845	172.78	ng/ul	97
79) 3,3'-Dichlorobenzidine	21.24	252	2138559	155.29	ng/ul	99
80) Benzo(a)anthracene	21.31	228	7123654	152.27	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.23	149	4482211	174.07	ng/ul	98
82) Chrysene	21.36	228	6690547	150.00	ng/ul	96
84) Di-n-octyl phthalate	22.11	149	7669034	144.29	ng/ul	100
85) Benzo(b)fluoranthene	22.90	252	7552498	154.44	ng/ul	98
86) Benzo(k)fluoranthene	22.94	252	6782081	143.32	ng/ul	100
88) Benzo(a)pyrene	23.49	252	6965286	155.98	ng/ul	100
89) Indeno(1,2,3-cd)pyrene	25.86	276	8025379	177.28	ng/ul	98
90) Dibenzo(a,h)anthracene	25.87	278	6656151	174.94	ng/ul	98
91) Benzo(g,h,i)perylene	26.56	276	6798105	179.16	ng/ul	98

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

