

Data Path : Z:\HPCHEM1\BNA_M\Data\BM041216\
 Data File : BM004939.D
 Acq On : 12 Apr 2016 11:07
 Operator : UM/SJ
 Sample : SSTDC0020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Apr 12 18:33:38 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM040116.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Apr 12 18:19:14 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	48108	20.00	ng/ul	0.00
18) Naphthalene-d8	10.60	136	225027	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.45	164	142752	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.20	188	341228	20.00	ng/ul	0.00
78) Chrysene-d12	21.39	240	402580	20.00	ng/ul	0.00
86) Perylene-d12	23.67	264	396497	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.31	96	9599	8.07	ng/uL	0.00
5) Phenol-d5	6.98	99	76248	17.83	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.15	67	44312	19.13	ng/ul	0.00
9) 2-Chlorophenol-d4	7.35	132	60461	18.63	ng/ul	0.00
13) 4-Methylphenol-d8	8.52	113	64304	17.91	ng/ul	0.00
19) Nitrobenzene-d5	8.97	128	29488	18.47	ng/ul	0.00
22) 2-Nitrophenol-d4	9.69	143	32370	18.23	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.23	165	64300	19.43	ng/ul	0.00
29) 4-Chloroaniline-d4	10.75	131	86768	21.97	ng/ul	0.00
44) Dimethylphthalate-d6	13.86	166	212768	18.89	ng/ul	0.00
47) Acenaphthylene-d8	14.15	160	257798	19.13	ng/ul	0.00
52) 4-Nitrophenol-d4	14.65	143	37428	16.81	ng/ul	0.00
58) Fluorene-d10	15.45	176	188357	19.35	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.57	200	33707	16.49	ng/ul	0.00
71) Anthracene-d10	17.30	188	295952	19.38	ng/ul	0.00
79) Pyrene-d10	19.59	212	341379	19.53	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.53	264	338990	19.30	ng/ul	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.35	88	11277	7.79	ng/uL#	88
4) Benzaldehyde	6.96	77	44937	22.55	ng/ul	99
6) Phenol	7.01	94	82333	18.44	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.25	93	63938	18.90	ng/ul	94
10) 2-Chlorophenol	7.38	128	63333	18.54	ng/ul	94
11) 2-Methylphenol	8.26	108	62174	17.65	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.35	45	81984	19.87	ng/ul#	92
14) Acetophenone	8.63	105	104337	19.22	ng/ul#	95
15) N-Nitroso-di-n-propylamine	8.62	70	51141	18.61	ng/ul	93
16) 4-Methylphenol	8.58	108	71923	18.32	ng/ul	99
17) Hexachloroethane	8.89	117	24583	18.77	ng/ul	97
20) Nitrobenzene	9.02	77	73288	19.13	ng/ul	98
21) Isophorone	9.53	82	139816	18.34	ng/ul	99
23) 2-Nitrophenol	9.72	139	36682	18.95	ng/ul	97
24) 2,4-Dimethylphenol	9.78	107	79080	19.32	ng/ul	99
25) Bis(2-Chloroethoxy)methane	10.02	93	91098	19.17	ng/ul	99
27) 2,4-Dichlorophenol	10.25	162	66958	19.59	ng/ul	99
28) Naphthalene	10.66	128	218644	19.22	ng/ul	100
30) 4-Chloroaniline	10.77	127	91501	21.95	ng/ul	99
31) Hexachlorobutadiene	10.94	225	41186	19.81	ng/ul	98
32) Caprolactam	11.52	113	16509	12.76	ng/ul	86
33) 4-Chloro-3-methylphenol	11.89	107	76347	19.47	ng/ul	99
34) 2-Methylnaphthalene	12.27	142	165424	19.51	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.49	142	159279	19.38	ng/ul	98
37) 1,2,4,5-Tetrachlorobenzene	12.64	216	85527	19.36	ng/ul	98
38) Hexachlorocyclopentadiene	12.62	237	45082	17.16	ng/ul	99
39) 2,4,6-Trichlorophenol	12.88	196	54848	18.81	ng/ul	99
40) 2,4,5-Trichlorophenol	12.95	196	60577	18.89	ng/ul	99
41) 1,1'-Biphenyl	13.28	154	222982	19.24	ng/ul	99
42) 2-Chloronaphthalene	13.33	162	168461	19.30	ng/ul	97
43) 2-Nitroaniline	13.53	65	44732	17.79	ng/ul	92
45) Dimethylphthalate	13.90	163	219234	19.11	ng/ul	99
46) 2,6-Dinitrotoluene	14.03	165	41389	18.55	ng/ul	94
48) Acenaphthylene	14.17	152	274895	19.17	ng/ul	100
49) 3-Nitroaniline	14.36	138	43819	19.21	ng/ul	92
50) Acenaphthene	14.52	153	182370	18.99	ng/ul	99
51) 2,4-Dinitrophenol	14.57	184	19799	13.37	ng/ul	97
53) 4-Nitrophenol	14.66	109	31277	17.14	ng/ul	92
54) Dibenzofuran	14.85	168	266817	19.14	ng/ul	96
55) 2,4-Dinitrotoluene	14.82	165	63472	18.90	ng/ul	94
56) 2,3,4,6-Tetrachlorophenol	15.08	232	53719	18.85	ng/ul	92
57) Diethylphthalate	15.27	149	215143	18.52	ng/ul	99
59) Fluorene	15.50	166	210487	18.95	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.49	204	105353	19.49	ng/ul	95
61) 4-Nitroaniline	15.52	138	45543	17.02	ng/ul	99
64) 4,6-Dinitro-2-methylphenol	15.58	198	37548	17.13	ng/ul	96
65) N-Nitrosodiphenylamine	15.71	169	187438	18.94	ng/ul	98
66) 4-Bromophenyl-phenylether	16.39	248	64233	18.88	ng/ul	93
67) Hexachlorobenzene	16.50	284	74605	19.26	ng/ul	93
68) Atrazine	16.66	200	67797	18.68	ng/ul	98
69) Pentachlorophenol	16.85	266	40783	16.93	ng/ul	98
70) Phenanthrene	17.24	178	358431	19.05	ng/ul	100
72) Anthracene	17.33	178	359047	19.03	ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	13.25	216	85387	19.26	ng/uL	99
74) Pentachlorobenzene	14.77	250	85272	19.25	ng/uL	99
75) Carbazole	17.60	167	328256	19.50	ng/ul	99
76) Di-n-butylphthalate	18.16	149	360476	18.03	ng/ul	100
77) Fluoranthene	19.26	202	426580	20.41	ng/ul	99
80) Pyrene	19.62	202	448539	19.47	ng/ul	99
81) Butylbenzylphthalate	20.52	149	168797	17.27	ng/ul	94
82) 3,3'-Dichlorobenzidine	21.30	252	149252	19.03	ng/ul	99
83) Benzo(a)anthracene	21.37	228	442683	19.18	ng/ul	100
84) Bis(2-ethylhexyl)phthalate	21.29	149	247678	17.74	ng/ul	97
85) Chrysene	21.42	228	422007	19.27	ng/ul	99
87) Di-n-octyl phthalate	22.18	149	452016	19.26	ng/ul	97
88) Benzo(b)fluoranthene	22.98	252	456094	20.07	ng/ul	99
89) Benzo(k)fluoranthene	23.03	252	434983	19.96	ng/ul	99
91) Benzo(a)pyrene	23.57	252	426993	19.38	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.99	276	443596	16.88	ng/ul	97
93) Dibenzo(a,h)anthracene	26.00	278	374974	17.16	ng/ul	98
94) Benzo(g,h,i)perylene	26.70	276	362186	16.04	ng/ul	96

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

