

Data Path : Z:\HPCHEM1\BNA M\DATA\BM043016\
 Data File : BM005170.D
 Acq On : 30 Apr 2016 12:30
 Operator : UM/SJ
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD02046

Quant Time: May 03 09:27:29 2016
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM042516.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue May 03 03:20:39 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	44216	20.00	ng/ul	0.00
18) Naphthalene-d8	10.57	136	197671	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.43	164	115202	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.17	188	242837	20.00	ng/ul	0.00
75) Chrysene-d12	21.36	240	236586	20.00	ng/ul	0.00
83) Perylene-d12	23.64	264	234235	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.29	96	7698	8.85	ng/uL	0.00
5) Phenol-d5	6.96	99	76779	20.99	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.12	67	44408	21.34	ng/ul	0.00
9) 2-Chlorophenol-d4	7.32	132	60706	20.98	ng/ul	0.00
13) 4-Methylphenol-d8	8.49	113	61789	19.93	ng/ul	0.00
19) Nitrobenzene-d5	8.95	128	29934	21.86	ng/ul	0.00
22) 2-Nitrophenol-d4	9.66	143	33292	21.80	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.20	165	61492	21.19	ng/ul	0.00
29) 4-Chloroaniline-d4	10.72	131	81078	23.84	ng/ul	0.00
43) Dimethylphthalate-d6	13.83	166	181782	19.98	ng/ul	0.00
46) Acenaphthylene-d8	14.12	160	225756	20.84	ng/ul	0.00
51) 4-Nitrophenol-d4	14.63	143	30660	19.28	ng/ul	0.00
57) Fluorene-d10	15.42	176	157186	19.66	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.55	200	25399	18.39	ng/ul	0.00
70) Anthracene-d10	17.27	188	227583	20.90	ng/ul	0.00
76) Pyrene-d10	19.57	212	232191	21.56	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.50	264	215430	20.53	ng/ul	0.00

Target Compounds

						Ovalue
2) 1,4-Dioxane	3.32	88	13700	8.49	ng/uL	96
4) Benzaldehyde	6.93	77	46743	25.74	ng/ul	97
6) Phenol	6.99	94	79578	20.87	ng/ul	98
8) Bis(2-Chloroethyl)ether	7.22	93	61320	20.98	ng/ul	99
10) 2-Chlorophenol	7.35	128	62047	20.86	ng/ul	97
11) 2-Methylphenol	8.23	108	60872	20.45	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.32	45	81220	21.48	ng/ul	99
14) Acetophenone	8.60	105	97695	20.93	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.59	70	49419	21.14	ng/ul	96
16) 4-Methylphenol	8.56	108	66936	20.21	ng/ul	95
17) Hexachloroethane	8.86	117	24610	20.78	ng/ul	93
20) Nitrobenzene	8.99	77	72264	21.45	ng/ul	98
21) Isophorone	9.50	82	139530	21.81	ng/ul	97
23) 2-Nitrophenol	9.69	139	35663	21.48	ng/ul	93
24) 2,4-Dimethylphenol	9.75	107	73694	20.62	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.99	93	84411	21.23	ng/ul	99
27) 2,4-Dichlorophenol	10.23	162	62156	20.84	ng/ul	97
28) Naphthalene	10.63	128	203673	20.43	ng/ul	100
30) 4-Chloroaniline	10.74	127	81855	23.64	ng/ul	99
31) Hexachlorobutadiene	10.90	225	39079	19.86	ng/ul	97
32) Caprolactam	11.49	113	13809	13.39	ng/ul	91
33) 4-Chloro-3-methylphenol	11.86	107	69903	20.50	ng/ul	99
34) 2-Methylnaphthalene	12.24	142	147792	20.03	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.61	216	76446	21.24	ng/ul	98
37) Hexachlorocyclopentadiene	12.59	237	41688	19.52	ng/ul	96
38) 2,4,6-Trichlorophenol	12.85	196	49933	21.81	ng/ul	100
39) 2,4,5-Trichlorophenol	12.93	196	52583	20.50	ng/ul	99
40) 1,1'-Biphenyl	13.26	154	193276	21.21	ng/ul	99
41) 2-Chloronaphthalene	13.30	162	146786	21.17	ng/ul	99
42) 2-Nitroaniline	13.51	65	43096	22.92	ng/ul	97
44) Dimethylphthalate	13.88	163	182306	19.98	ng/ul	100
45) 2,6-Dinitrotoluene	14.01	165	36829	20.90	ng/ul	96
47) Acenaphthylene	14.15	152	242266	21.13	ng/ul	100
48) 3-Nitroaniline	14.34	138	40206	22.43	ng/ul	99
49) Acenaphthene	14.49	153	156792	20.79	ng/ul	99
50) 2,4-Dinitrophenol	14.54	184	16890	16.42	ng/ul	95
52) 4-Nitrophenol	14.65	109	27915	19.63	ng/ul	97
53) Dibenzofuran	14.83	168	221946	19.95	ng/ul	99
54) 2,4-Dinitrotoluene	14.80	165	52777	19.71	ng/ul	96
55) 2,3,4,6-Tetrachlorophenol	15.06	232	43578	19.57	ng/ul	97
56) Diethylphthalate	15.25	149	179318	19.47	ng/ul	100
58) Fluorene	15.48	166	175235	20.29	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.47	204	86824	19.93	ng/ul	99
60) 4-Nitroaniline	15.50	138	40448	20.92	ng/ul	99
63) 4,6-Dinitro-2-methylphenol	15.56	198	27191	18.69	ng/ul	97
64) N-Nitrosodiphenylamine	15.69	169	150998	22.62	ng/ul	99
65) 4-Bromophenyl-phenylether	16.36	248	51403	21.69	ng/ul	94
66) Hexachlorobenzene	16.48	284	55566	20.58	ng/ul	97
67) Atrazine	16.64	200	52902	21.51	ng/ul	99
68) Pentachlorophenol	16.83	266	34160	21.94	ng/ul	99
69) Phenanthrene	17.22	178	267451	20.69	ng/ul	99
71) Anthracene	17.31	178	272824	20.94	ng/ul	99
72) Carbazole	17.58	167	241119	21.58	ng/ul	100
73) Di-n-butylphthalate	18.14	149	283499	21.67	ng/ul	100
74) Fluoranthene	19.23	202	288604	20.29	ng/ul	99
77) Pyrene	19.60	202	296826	21.72	ng/ul	99
78) Butylbenzylphthalate	20.50	149	122272	23.26	ng/ul	99
79) 3,3'-Dichlorobenzidine	21.29	252	94635	22.36	ng/ul	98
80) Benzo(a)anthracene	21.35	228	279430	20.63	ng/ul	100
81) Bis(2-ethylhexyl)phthalate	21.27	149	174626	23.65	ng/ul	99
82) Chrysene	21.40	228	268076	20.69	ng/ul	100
84) Di-n-octyl phthalate	22.16	149	305838	21.00	ng/ul	98
85) Benzo(b)fluoranthene	22.96	252	281518	19.95	ng/ul	100
86) Benzo(k)fluoranthene	23.00	252	267480	19.50	ng/ul	99
88) Benzo(a)pyrene	23.54	252	269624	20.47	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	25.95	276	301838	24.01	ng/ul	99
90) Dibenzo(a,h)anthracene	25.96	278	255198	24.30	ng/ul	99
91) Benzo(g,h,i)perylene	26.66	276	251459	24.45	ng/ul	99

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

