

Data Path : Z:\HPCHEM1\BNA M\DATA\BM043016\
 Data File : BM005171.D
 Acq On : 30 Apr 2016 13:33
 Operator : UM/SJ
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD02057

Quant Time: May 01 03:55:39 2016
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM042516.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Apr 30 03:07:27 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	43947	20.00	ng/ul	0.00
18) Naphthalene-d8	10.57	136	204318	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.43	164	125340	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.17	188	277075	20.00	ng/ul	0.00
75) Chrysene-d12	21.37	240	237740	20.00	ng/ul	0.00
83) Perylene-d12	23.64	264	212711	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.29	96	7384	8.54	ng/uL	0.00
5) Phenol-d5	6.96	99	77836	21.41	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.12	67	45460	21.98	ng/ul	0.00
9) 2-Chlorophenol-d4	7.32	132	60883	21.17	ng/ul	0.00
13) 4-Methylphenol-d8	8.49	113	64403	20.90	ng/ul	0.00
19) Nitrobenzene-d5	8.95	128	31574	22.31	ng/ul	0.00
22) 2-Nitrophenol-d4	9.66	143	35067	22.21	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.20	165	64708	21.57	ng/ul	0.00
29) 4-Chloroaniline-d4	10.72	131	86629	24.64	ng/ul	0.00
43) Dimethylphthalate-d6	13.83	166	205505	20.76	ng/ul	0.00
46) Acenaphthylene-d8	14.12	160	249041	21.13	ng/ul	0.00
51) 4-Nitrophenol-d4	14.63	143	33896	19.59	ng/ul	0.00
57) Fluorene-d10	15.42	176	175485	20.17	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.55	200	29674	18.83	ng/ul	0.00
70) Anthracene-d10	17.27	188	261577	21.05	ng/ul	0.00
76) Pyrene-d10	19.57	212	259755	24.00	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.50	264	195734	20.54	ng/ul	0.00

Target Compounds

						Ovalue
2) 1,4-Dioxane	3.32	88	13441	8.38	ng/uL	97
4) Benzaldehyde	6.93	77	47540	26.34	ng/ul	96
6) Phenol	6.98	94	81183	21.42	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.22	93	63294	21.78	ng/ul	99
10) 2-Chlorophenol	7.35	128	62533	21.16	ng/ul	97
11) 2-Methylphenol	8.23	108	62805	21.23	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.32	45	83147	22.13	ng/ul	100
14) Acetophenone	8.60	105	102122	22.02	ng/ul	100
15) N-Nitroso-di-n-propylamine	8.59	70	52129	22.44	ng/ul	97
16) 4-Methylphenol	8.56	108	69979	21.26	ng/ul	96
17) Hexachloroethane	8.86	117	24402	20.73	ng/ul	92
20) Nitrobenzene	8.99	77	75504	21.68	ng/ul	98
21) Isophorone	9.50	82	149101	22.55	ng/ul	99
23) 2-Nitrophenol	9.69	139	37853	22.06	ng/ul	93
24) 2,4-Dimethylphenol	9.75	107	77257	20.91	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.99	93	89523	21.78	ng/ul	100
27) 2,4-Dichlorophenol	10.23	162	65777	21.33	ng/ul	99
28) Naphthalene	10.63	128	212844	20.65	ng/ul	100
30) 4-Chloroaniline	10.74	127	87907	24.56	ng/ul	99
31) Hexachlorobutadiene	10.90	225	39890	19.61	ng/ul	99
32) Caprolactam	11.50	113	21241	19.92	ng/ul	90
33) 4-Chloro-3-methylphenol	11.86	107	75296	21.36	ng/ul	98
34) 2-Methylnaphthalene	12.24	142	156905	20.57	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.61	216	81642	20.85	ng/ul	100
37) Hexachlorocyclopentadiene	12.59	237	42179	18.15	ng/ul	98
38) 2,4,6-Trichlorophenol	12.85	196	53652	21.54	ng/ul	99
39) 2,4,5-Trichlorophenol	12.93	196	60076	21.53	ng/ul	99
40) 1,1'-Biphenyl	13.26	154	208711	21.05	ng/ul	98
41) 2-Chloronaphthalene	13.30	162	158903	21.07	ng/ul	100
42) 2-Nitroaniline	13.51	65	48616	23.77	ng/ul	96
44) Dimethylphthalate	13.88	163	205919	20.74	ng/ul	100
45) 2,6-Dinitrotoluene	14.01	165	42109	21.96	ng/ul	95
47) Acenaphthylene	14.15	152	263152	21.10	ng/ul	100
48) 3-Nitroaniline	14.34	138	45658	23.41	ng/ul	98
49) Acenaphthene	14.49	153	171227	20.86	ng/ul	100
50) 2,4-Dinitrophenol	14.54	184	16963	15.16	ng/ul	96
52) 4-Nitrophenol	14.65	109	29210	18.88	ng/ul	98
53) Dibenzofuran	14.83	168	247473	20.45	ng/ul	99
54) 2,4-Dinitrotoluene	14.80	165	60934	20.92	ng/ul	95
55) 2,3,4,6-Tetrachlorophenol	15.06	232	49172	20.30	ng/ul	97
56) Diethylphthalate	15.25	149	206277	20.59	ng/ul	99
58) Fluorene	15.48	166	194138	20.66	ng/ul	100
59) 4-Chlorophenyl-phenylether	15.47	204	96505	20.36	ng/ul	96
60) 4-Nitroaniline	15.50	138	45384	21.57	ng/ul	100
63) 4,6-Dinitro-2-methylphenol	15.56	198	31948	19.25	ng/ul	97
64) N-Nitrosodiphenylamine	15.69	169	172071	22.59	ng/ul	98
65) 4-Bromophenyl-phenylether	16.37	248	59393	21.96	ng/ul	100
66) Hexachlorobenzene	16.48	284	63958	20.76	ng/ul	97
67) Atrazine	16.64	200	61712	21.99	ng/ul	99
68) Pentachlorophenol	16.83	266	34683	19.52	ng/ul	98
69) Phenanthrene	17.22	178	307367	20.84	ng/ul	99
71) Anthracene	17.31	178	312172	21.00	ng/ul	99
72) Carbazole	17.58	167	276046	21.66	ng/ul	99
73) Di-n-butylphthalate	18.14	149	329959	22.11	ng/ul	100
74) Fluoranthene	19.23	202	324828	20.02	ng/ul	99
77) Pyrene	19.60	202	327722	23.86	ng/ul	99
78) Butylbenzylphthalate	20.50	149	130583	24.72	ng/ul	99
79) 3,3'-Dichlorobenzidine	21.29	252	93143	21.90	ng/ul	97
80) Benzo(a)anthracene	21.35	228	283078	20.80	ng/ul	100
81) Bis(2-ethylhexyl)phthalate	21.27	149	178333	24.04	ng/ul	98
82) Chrysene	21.40	228	270024	20.74	ng/ul	99
84) Di-n-octyl phthalate	22.16	149	292602	22.13	ng/ul	98
85) Benzo(b)fluoranthene	22.96	252	259504	20.25	ng/ul	99
86) Benzo(k)fluoranthene	23.00	252	247102	19.83	ng/ul	100
88) Benzo(a)pyrene	23.54	252	244929	20.47	ng/ul	100
89) Indeno(1,2,3-cd)pyrene	25.95	276	263522	23.09	ng/ul	99
90) Dibenzo(a,h)anthracene	25.96	278	223630	23.45	ng/ul	99
91) Benzo(g,h,i)perylene	26.66	276	217388	23.28	ng/ul	100

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

