

Data Path : Z:\HPCHEM1\BNA M\DATA\BM071416\
 Data File : BM006426.D
 Acq On : 15 Jul 2016 04:27
 Operator : UM/SJ
 Sample : SSTDC0020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleID :
 SSTD02062

Quant Time: Jul 15 05:06:03 2016
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM071416.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jul 15 04:34:07 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	110044	20.00	ng/ul	0.00
18) Naphthalene-d8	10.40	136	457697	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.27	164	264665	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.02	188	642355	20.00	ng/ul	0.00
75) Chrysene-d12	21.22	240	787904	20.00	ng/ul	0.00
83) Perylene-d12	23.42	264	867379	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.14	96	20735	7.93	ng/uL	0.00
5) Phenol-d5	6.80	99	189857	21.05	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.96	67	118336	21.63	ng/ul	0.00
9) 2-Chlorophenol-d4	7.15	132	153091	20.95	ng/ul	0.00
13) 4-Methylphenol-d8	8.33	113	149825	20.91	ng/ul	0.00
19) Nitrobenzene-d5	8.77	128	71995	20.76	ng/ul	0.00
22) 2-Nitrophenol-d4	9.49	143	80951	20.64	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.03	165	148355	20.05	ng/ul	0.00
29) 4-Chloroaniline-d4	10.54	131	193803	25.05	ng/ul	0.00
43) Dimethylphthalate-d6	13.68	166	443960	20.50	ng/ul	0.00
46) Acenaphthylene-d8	13.96	160	556186	20.77	ng/ul	0.00
51) 4-Nitrophenol-d4	14.49	143	81521	21.66	ng/ul	0.00
57) Fluorene-d10	15.27	176	395082	20.52	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.40	200	74349	20.01	ng/ul	0.00
70) Anthracene-d10	17.12	188	624355	20.56	ng/ul	0.00
76) Pyrene-d10	19.42	212	746302	20.89	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.27	264	826480	20.84	ng/ul	-0.01

Target Compounds

					Ovalue
2) 1,4-Dioxane	3.17	88	23853	8.52	ng/uL# 15
4) Benzaldehyde	6.77	77	129041	23.69	ng/ul 98
6) Phenol	6.83	94	201121	21.16	ng/ul 97
8) Bis(2-Chloroethyl)ether	7.05	93	154155	22.00	ng/ul 98
10) 2-Chlorophenol	7.19	128	157266	20.96	ng/ul 99
11) 2-Methylphenol	8.06	108	148971	21.04	ng/ul 97
12) 2,2'-oxybis(1-Chloropropan	8.15	45	239611	21.04	ng/ul 100
14) Acetophenone	8.44	105	235047	20.83	ng/ul 94
15) N-Nitroso-di-n-propylamine	8.42	70	121660	20.43	ng/ul 90
16) 4-Methylphenol	8.39	108	159760	20.88	ng/ul 100
17) Hexachloroethane	8.69	117	67482	21.13	ng/ul 88
20) Nitrobenzene	8.82	77	193968	21.00	ng/ul 96
21) Isophorone	9.33	82	332962	20.19	ng/ul 100
23) 2-Nitrophenol	9.52	139	88523	20.53	ng/ul 97
24) 2,4-Dimethylphenol	9.59	107	190155	20.39	ng/ul 95
25) Bis(2-Chloroethoxy)methane	9.82	93	203226	20.60	ng/ul 96
27) 2,4-Dichlorophenol	10.05	162	147106	19.70	ng/ul 97
28) Naphthalene	10.45	128	479114	20.62	ng/ul 98
30) 4-Chloroaniline	10.56	127	203769	25.27	ng/ul 97
31) Hexachlorobutadiene	10.73	225	102674	20.14	ng/ul 99
32) Caprolactam	11.32	113	49733	20.97	ng/ul 99
33) 4-Chloro-3-methylphenol	11.70	107	166652	19.92	ng/ul 99
34) 2-Methylnaphthalene	12.07	142	353808	20.21	ng/ul 96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.45	216	190252	20.49	ng/ul	97
37) Hexachlorocyclopentadiene	12.42	237	90884	18.59	ng/ul	97
38) 2,4,6-Trichlorophenol	12.69	196	124241	20.61	ng/ul	98
39) 2,4,5-Trichlorophenol	12.76	196	129521	20.86	ng/ul	98
40) 1,1'-Biphenyl	13.10	154	452348	20.72	ng/ul	98
41) 2-Chloronaphthalene	13.14	162	353861	20.73	ng/ul	99
42) 2-Nitroaniline	13.35	65	119274	20.42	ng/ul	98
44) Dimethylphthalate	13.73	163	444689	20.24	ng/ul	99
45) 2,6-Dinitrotoluene	13.86	165	91999	21.07	ng/ul	99
47) Acenaphthylene	13.99	152	586475	21.03	ng/ul	99
48) 3-Nitroaniline	14.18	138	101157	24.59	ng/ul	99
49) Acenaphthene	14.33	153	373697	20.82	ng/ul	100
50) 2,4-Dinitrophenol	14.40	184	44676	18.01	ng/ul	98
52) 4-Nitrophenol	14.50	109	84303	19.79	ng/ul	94
53) Dibenzofuran	14.67	168	536179	20.52	ng/ul	99
54) 2,4-Dinitrotoluene	14.65	165	137166	21.02	ng/ul	97
55) 2,3,4,6-Tetrachlorophenol	14.90	232	117445	20.87	ng/ul	94
56) Diethylphthalate	15.10	149	470390	20.29	ng/ul	99
58) Fluorene	15.32	166	420043	20.10	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.32	204	210964	19.85	ng/ul	98
60) 4-Nitroaniline	15.35	138	111021	22.76	ng/ul	99
63) 4,6-Dinitro-2-methylphenol	15.42	198	78982	19.96	ng/ul	99
64) N-Nitrosodiphenylamine	15.54	169	393522	20.85	ng/ul	99
65) 4-Bromophenyl-phenylether	16.22	248	147038	20.55	ng/ul	97
66) Hexachlorobenzene	16.33	284	162416	20.35	ng/ul	99
67) Atrazine	16.49	200	150412	21.57	ng/ul	98
68) Pentachlorophenol	16.67	266	77341	20.16	ng/ul	92
69) Phenanthrene	17.06	178	733202	20.76	ng/ul	99
71) Anthracene	17.15	178	752136	20.70	ng/ul	99
72) Carbazole	17.43	167	688235	22.40	ng/ul	99
73) Di-n-butylphthalate	17.99	149	842512	20.06	ng/ul	99
74) Fluoranthene	19.09	202	918868	22.39	ng/ul	98
77) Pyrene	19.45	202	971276	20.65	ng/ul	97
78) Butylbenzylphthalate	20.36	149	428389	20.71	ng/ul	97
79) 3,3'-Dichlorobenzidine	21.14	252	352989	23.00	ng/ul	98
80) Benzo(a)anthracene	21.20	228	1002709	20.85	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.14	149	576401	20.07	ng/ul	99
82) Chrysene	21.26	228	933083	20.61	ng/ul	99
84) Di-n-octyl phthalate	22.00	149	1115293	22.06	ng/ul	98
85) Benzo(b)fluoranthene	22.76	252	1082474	20.88	ng/ul	99
86) Benzo(k)fluoranthene	22.80	252	1028418	21.09	ng/ul	99
88) Benzo(a)pyrene	23.32	252	1052053	21.19	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	25.61	276	1231279	21.31	ng/ul	98
90) Dibenzo(a,h)anthracene	25.63	278	1030288	21.46	ng/ul	99
91) Benzo(g,h,i)perylene	26.29	276	1065404	20.87	ng/ul	98

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

