

Data Path : Z:\HPCHEM1\BNA M\DATA\BM052016\
 Data File : BM005532.D
 Acq On : 20 May 2016 23:31
 Operator : UM/SJ
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD02056

Quant Time: May 21 03:28:57 2016
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM052016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri May 20 21:23:00 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	78848	20.00	ng/ul	0.00
18) Naphthalene-d8	10.62	136	331724	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.45	164	191454	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.19	188	439266	20.00	ng/ul	0.00
75) Chrysene-d12	21.37	240	533813	20.00	ng/ul	0.00
83) Perylene-d12	23.64	264	569532	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.31	96	14448	8.03	ng/uL	0.00
5) Phenol-d5	6.99	99	135495	20.97	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.16	67	79595	21.25	ng/ul	0.00
9) 2-Chlorophenol-d4	7.36	132	109961	20.39	ng/ul	0.00
13) 4-Methylphenol-d8	8.52	113	108427	20.47	ng/ul	0.00
19) Nitrobenzene-d5	8.98	128	50722	20.00	ng/ul	0.00
22) 2-Nitrophenol-d4	9.70	143	56652	20.29	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.23	165	108984	20.73	ng/ul	0.00
29) 4-Chloroaniline-d4	10.75	131	115043	21.85	ng/ul	0.00
43) Dimethylphthalate-d6	13.86	166	319223	20.43	ng/ul	0.00
46) Acenaphthylene-d8	14.15	160	401940	20.57	ng/ul	0.00
51) 4-Nitrophenol-d4	14.64	143	61219	20.71	ng/ul	0.00
57) Fluorene-d10	15.44	176	281216	20.68	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.56	200	50055	19.81	ng/ul	0.00
70) Anthracene-d10	17.29	188	434029	20.74	ng/ul	0.00
76) Pyrene-d10	19.58	212	494015	20.44	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.50	264	553074	20.80	ng/ul	0.00

Target Compounds

						Ovalue
2) 1,4-Dioxane	3.34	88	26278	8.27	ng/uL	98
4) Benzaldehyde	6.97	77	91341	21.78	ng/ul	99
6) Phenol	7.02	94	139876	21.01	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.25	93	106027	21.08	ng/ul	98
10) 2-Chlorophenol	7.39	128	109887	20.31	ng/ul	98
11) 2-Methylphenol	8.26	108	104541	20.72	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.36	45	140825	20.97	ng/ul	98
14) Acetophenone	8.64	105	170097	21.33	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.63	70	84999	20.19	ng/ul	98
16) 4-Methylphenol	8.59	108	113821	20.77	ng/ul	99
17) Hexachloroethane	8.90	117	44450	20.53	ng/ul	98
20) Nitrobenzene	9.02	77	126664	20.61	ng/ul	98
21) Isophorone	9.54	82	231195	20.12	ng/ul	99
23) 2-Nitrophenol	9.73	139	61297	20.41	ng/ul	98
24) 2,4-Dimethylphenol	9.79	107	129986	20.95	ng/ul	99
25) Bis(2-Chloroethoxy)methane	10.03	93	139198	20.57	ng/ul	99
27) 2,4-Dichlorophenol	10.26	162	107303	20.70	ng/ul	97
28) Naphthalene	10.66	128	345047	20.71	ng/ul	100
30) 4-Chloroaniline	10.77	127	119324	22.12	ng/ul	97
31) Hexachlorobutadiene	10.95	225	72339	20.88	ng/ul	99
32) Caprolactam	11.52	113	32850	18.99	ng/ul	91
33) 4-Chloro-3-methylphenol	11.89	107	116737	20.56	ng/ul	99
34) 2-Methylnaphthalene	12.27	142	253373	20.78	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.64	216	136243	20.83	ng/ul	98
37) Hexachlorocyclopentadiene	12.62	237	82248	20.02	ng/ul	94
38) 2,4,6-Trichlorophenol	12.88	196	87345	20.49	ng/ul	98
39) 2,4,5-Trichlorophenol	12.95	196	97321	20.73	ng/ul	99
40) 1,1'-Biphenyl	13.29	154	332541	20.69	ng/ul	99
41) 2-Chloronaphthalene	13.33	162	255829	20.66	ng/ul	99
42) 2-Nitroaniline	13.53	65	74717	20.05	ng/ul	98
44) Dimethylphthalate	13.91	163	314658	20.38	ng/ul	99
45) 2,6-Dinitrotoluene	14.03	165	62354	19.97	ng/ul	96
47) Acenaphthylene	14.17	152	410024	20.66	ng/ul	99
48) 3-Nitroaniline	14.36	138	63224	21.86	ng/ul	99
49) Acenaphthene	14.52	153	270588	20.67	ng/ul	99
50) 2,4-Dinitrophenol	14.56	184	32696	18.71	ng/ul	95
52) 4-Nitrophenol	14.66	109	61177	20.60	ng/ul	99
53) Dibenzofuran	14.85	168	384771	20.59	ng/ul	99
54) 2,4-Dinitrotoluene	14.82	165	92678	20.34	ng/ul	96
55) 2,3,4,6-Tetrachlorophenol	15.07	232	83901	20.45	ng/ul	96
56) Diethylphthalate	15.27	149	320753	20.37	ng/ul	99
58) Fluorene	15.50	166	310809	20.78	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.50	204	153202	20.49	ng/ul	99
60) 4-Nitroaniline	15.52	138	73332	20.79	ng/ul	98
63) 4,6-Dinitro-2-methylphenol	15.57	198	52698	19.86	ng/ul	100
64) N-Nitrosodiphenylamine	15.71	169	275894	20.70	ng/ul	99
65) 4-Bromophenyl-phenylether	16.39	248	101013	20.64	ng/ul	99
66) Hexachlorobenzene	16.50	284	113265	20.32	ng/ul	98
67) Atrazine	16.66	200	105440	21.14	ng/ul	99
68) Pentachlorophenol	16.84	266	67624	20.21	ng/ul	99
69) Phenanthrene	17.24	178	508197	20.70	ng/ul	99
71) Anthracene	17.33	178	516639	20.65	ng/ul	99
72) Carbazole	17.60	167	475858	21.91	ng/ul	100
73) Di-n-butylphthalate	18.16	149	539629	20.48	ng/ul	100
74) Fluoranthene	19.24	202	611374	22.12	ng/ul	99
77) Pyrene	19.61	202	629622	20.52	ng/ul	99
78) Butylbenzylphthalate	20.51	149	254895	19.71	ng/ul	97
79) 3,3'-Dichlorobenzidine	21.29	252	219874	22.72	ng/ul	97
80) Benzo(a)anthracene	21.35	228	648372	20.66	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.29	149	373220	20.43	ng/ul	99
82) Chrysene	21.40	228	624056	20.91	ng/ul	99
84) Di-n-octyl phthalate	22.17	149	685968	21.00	ng/ul	99
85) Benzo(b)fluoranthene	22.96	252	701109	20.87	ng/ul	99
86) Benzo(k)fluoranthene	23.00	252	666998	20.98	ng/ul	100
88) Benzo(a)pyrene	23.54	252	677871	20.80	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	25.95	276	816083	21.08	ng/ul	99
90) Dibenzo(a,h)anthracene	25.96	278	675155	20.94	ng/ul	99
91) Benzo(g,h,i)perylene	26.66	276	683324	21.00	ng/ul	99

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

