

Data Path : Z:\HPCHEM1\BNA M\DATA\BM021916\
 Data File : BM004303.D
 Acq On : 20 Feb 2016 02:18
 Operator : SJ/UM
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD02040

Manual Integrations
 APPROVED

UMANGI
 2/22/2016 11:00:36 AM

Quant Time: Feb 20 06:01:14 2016
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM021216.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Feb 19 23:51:45 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	25766	20.00	ng/ul	0.00
18) Naphthalene-d8	10.42	136	133929	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.29	164	89652	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.04	188	215131	20.00	ng/ul	0.00
78) Chrysene-d12	21.26	240	245644	20.00	ng/ul	0.00
86) Perylene-d12	23.48	264	230342	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.09	96	3707	7.25	ng/uL	0.00
5) Phenol-d5	6.82	99	46242	22.34	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.97	67	23671	21.18	ng/ul	0.00
9) 2-Chlorophenol-d4	7.17	132	39008	21.25	ng/ul	0.00
13) 4-Methylphenol-d8	8.36	113	41991	23.82	ng/ul	0.00
19) Nitrobenzene-d5	8.79	128	20298	19.71	ng/ul	0.00
22) 2-Nitrophenol-d4	9.51	143	23315	20.25	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.06	165	42688	20.56	ng/ul	0.00
29) 4-Chloroaniline-d4	10.56	131	59574	24.11	ng/ul	0.00
44) Dimethylphthalate-d6	13.70	166	153212	20.54	ng/ul	0.00
47) Acenaphthylene-d8	13.98	160	183571	20.25	ng/ul	0.00
52) 4-Nitrophenol-d4	14.54	143	23495	19.47	ng/ul	0.00
58) Fluorene-d10	15.29	176	133184	21.18	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.44	200	24317	18.56	ng/ul	0.00
71) Anthracene-d10	17.14	188	213228	20.27	ng/ul	0.00
79) Pyrene-d10	19.45	212	242192	18.57	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.34	264	244450	19.89	ng/ul	0.00

Target Compounds

					Ovalue
2) 1,4-Dioxane	3.12	88	4290	7.17 ng/uL#	92
4) Benzaldehyde	6.77	77	28779	24.12 ng/ul	96
6) Phenol	6.85	94	49876	22.63 ng/ul	97
8) Bis(2-Chloroethyl)ether	7.06	93	36442	21.67 ng/ul	98
10) 2-Chlorophenol	7.20	128	40914	21.44 ng/ul	98
11) 2-Methylphenol	8.09	108	40762	23.47 ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.16	45	35641	21.72 ng/ul	98
14) Acetophenone	8.46	105	67958	24.19 ng/ul	97
15) N-Nitroso-di-n-propylamine	8.44	70	32364	23.88 ng/ul	96
16) 4-Methylphenol	8.42	108	46333	24.40 ng/ul	98
17) Hexachloroethane	8.70	117	15040	19.79 ng/ul	94
20) Nitrobenzene	8.83	77	45394	19.37 ng/ul	99
21) Isophorone	9.35	82	94481	21.05 ng/ul	99
23) 2-Nitrophenol	9.54	139	26548	20.52 ng/ul	96
24) 2,4-Dimethylphenol	9.62	107	53667	20.67 ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.84	93	56336	20.36 ng/ul	100
27) 2,4-Dichlorophenol	10.08	162	45729	21.18 ng/ul	99
28) Naphthalene	10.47	128	150174	20.16 ng/ul	99
30) 4-Chloroaniline	10.59	127	63043	24.04 ng/ul	98
31) Hexachlorobutadiene	10.75	225	27051	18.60 ng/ul	98
32) Caprolactam	11.35	113	15599m	25.00 ng/ul	
33) 4-Chloro-3-methylphenol	11.74	107	54722	22.85 ng/ul	99
34) 2-Methylnaphthalene	12.09	142	114338	21.27 ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.31	142	110468	21.74	ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	12.47	216	58835	18.74	ng/ul	99
38) Hexachlorocyclopentadiene	12.44	237	21308	14.37	ng/ul	99
39) 2,4,6-Trichlorophenol	12.72	196	38866	19.59	ng/ul	99
40) 2,4,5-Trichlorophenol	12.80	196	42627	19.94	ng/ul	98
41) 1,1'-Biphenyl	13.12	154	153035	19.09	ng/ul	99
42) 2-Chloronaphthalene	13.16	162	118242	19.40	ng/ul	98
43) 2-Nitroaniline	13.38	65	30740	20.69	ng/ul	92
45) Dimethylphthalate	13.75	163	161742	20.75	ng/ul	99
46) 2,6-Dinitrotoluene	13.88	165	33601	21.86	ng/ul	99
48) Acenaphthylene	14.01	152	198575	20.06	ng/ul	99
49) 3-Nitroaniline	14.22	138	35090	24.07	ng/ul	98
50) Acenaphthene	14.36	153	134801	20.10	ng/ul	97
51) 2,4-Dinitrophenol	14.44	184	11210	15.10	ng/ul	91
53) 4-Nitrophenol	14.55	109	17165	17.78	ng/ul	93
54) Dibenzofuran	14.69	168	190168	20.52	ng/ul	99
55) 2,4-Dinitrotoluene	14.68	165	50628	22.91	ng/ul	99
56) 2,3,4,6-Tetrachlorophenol	14.93	232	34155	19.75	ng/ul	98
57) Diethylphthalate	15.12	149	168480	21.52	ng/ul	99
59) Fluorene	15.34	166	158502	21.22	ng/ul	100
60) 4-Chlorophenyl-phenylether	15.34	204	77351	20.88	ng/ul	95
61) 4-Nitroaniline	15.39	138	37012	22.77	ng/ul	95
64) 4,6-Dinitro-2-methylphenol	15.45	198	26513	18.58	ng/ul	96
65) N-Nitrosodiphenylamine	15.56	169	137772	18.98	ng/ul	98
66) 4-Bromophenyl-phenylether	16.23	248	46782	18.77	ng/ul	97
67) Hexachlorobenzene	16.36	284	52085	18.60	ng/ul	97
68) Atrazine	16.52	200	51910	20.73	ng/ul	98
69) Pentachlorophenol	16.71	266	15922	12.28	ng/ul	98
70) Phenanthrene	17.09	178	261949	20.13	ng/ul	99
72) Anthracene	17.18	178	265845	20.13	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.08	216	55887	16.71	ng/uL	98
74) Pentachlorobenzene	14.62	250	57429	17.47	ng/uL	97
75) Carbazole	17.46	167	237044	21.34	ng/ul	100
76) Di-n-butylphthalate	18.02	149	301069	20.94	ng/ul	99
77) Fluoranthene	19.12	202	310155	22.76	ng/ul	99
80) Pvrene	19.48	202	326929	18.40	ng/ul	99
81) Butylbenzylphthalate	20.39	149	141136	19.85	ng/ul	96
82) 3,3'-Dichlorobenzidine	21.17	252	105890	21.37	ng/ul	99
83) Benzo(a)anthracene	21.24	228	317028	20.05	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.16	149	209824	20.17	ng/ul	99
85) Chrysene	21.29	228	305224	20.45	ng/ul	99
87) Di-n-octyl phthalate	22.03	149	376874	21.45	ng/ul	97
88) Benzo(b)fluoranthene	22.81	252	301323	19.77	ng/ul	100
89) Benzo(k)fluoranthene	22.86	252	304823	20.95	ng/ul	99
91) Benzo(a)pyrene	23.39	252	292396	20.18	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.73	276	285330	17.38	ng/ul	99
93) Dibenzo(a,h)anthracene	25.73	278	237603	17.24	ng/ul	99
94) Benzo(a,h,i)perylene	26.41	276	231979	16.73	ng/ul	99

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