

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM020816\
 Data File : BM004195.D
 Acq On : 08 Feb 2016 10:42
 Operator : SJ/IZ
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD02051

Manual Integrations
 APPROVED

UMANGI
 2/9/2016 3:29:44 PM

Quant Time: Feb 09 00:06:42 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM012016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Feb 05 01:12:50 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	19483	20.00	ng/ul	0.00
18) Naphthalene-d8	10.44	136	100074	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.32	164	66361	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.07	188	162351	20.00	ng/ul	0.00
78) Chrysene-d12	21.28	240	204271	20.00	ng/ul	0.00
86) Perylene-d12	23.51	264	208558	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.12	96	2900	7.87	ng/uL	0.00
5) Phenol-d5	6.83	99	35243	18.54	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.99	67	19108	18.89	ng/ul	0.00
9) 2-Chlorophenol-d4	7.19	132	29956	20.24	ng/ul	0.00
13) 4-Methylphenol-d8	8.37	113	30838	18.91	ng/ul	0.00
19) Nitrobenzene-d5	8.82	128	15110	20.37	ng/ul	0.00
22) 2-Nitrophenol-d4	9.53	143	15739	19.12	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.07	165	31254	20.43	ng/ul	0.00
29) 4-Chloroaniline-d4	10.59	131	42609	21.88	ng/ul	0.00
44) Dimethylphthalate-d6	13.73	166	112412	19.69	ng/ul	0.00
47) Acenaphthylene-d8	14.00	160	136428	20.52	ng/ul	0.00
52) 4-Nitrophenol-d4	14.53	143	15486	13.55	ng/ul	0.00
58) Fluorene-d10	15.31	176	99758	20.37	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.45	200	16536	16.53	ng/ul	0.00
71) Anthracene-d10	17.16	188	163781	20.74	ng/ul	0.00
79) Pyrene-d10	19.47	212	192655	21.05	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.37	264	224283	20.62	ng/ul	0.00

Target Compounds

					Qvalue
2) 1,4-Dioxane	3.15	88	3547	7.79 ng/uL#	94
4) Benzaldehyde	6.80	77	22663	20.55 ng/ul	99
6) Phenol	6.86	94	39394	19.07 ng/ul	99
8) Bis(2-Chloroethyl)ether	7.09	93	28090	19.20 ng/ul	99
10) 2-Chlorophenol	7.22	128	31545	20.26 ng/ul	100
11) 2-Methylphenol	8.10	108	30469	19.15 ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.19	45	29023	18.19 ng/ul	99
14) Acetophenone	8.47	105	52254	20.10 ng/ul	99
15) N-Nitroso-di-n-propylamine	8.46	70	24303	19.02 ng/ul	98
16) 4-Methylphenol	8.43	108	34548	19.18 ng/ul	98
17) Hexachloroethane	8.72	117	11341	20.02 ng/ul	97
20) Nitrobenzene	8.86	77	36366	19.84 ng/ul	99
21) Isophorone	9.37	82	69979	18.89 ng/ul	100
23) 2-Nitrophenol	9.56	139	18443	19.47 ng/ul	96
24) 2,4-Dimethylphenol	9.63	107	39918	19.84 ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.86	93	41720	19.18 ng/ul	99
27) 2,4-Dichlorophenol	10.10	162	33612	20.63 ng/ul	99
28) Naphthalene	10.49	128	114743	20.36 ng/ul	99
30) 4-Chloroaniline	10.61	127	45897	21.94 ng/ul	100
31) Hexachlorobutadiene	10.77	225	19613	20.71 ng/ul	97
32) Caprolactam	11.36	113	10960	17.15 ng/ul	96
33) 4-Chloro-3-methylphenol	11.75	107	40742	20.15 ng/ul	99
34) 2-Methylnaphthalene	12.12	142	86826	20.44 ng/ul	100

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35) 1-Methylnaphthalene	12.33	142	82667	20.39	ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	12.49	216	43209	21.16	ng/ul	99
38) Hexachlorocyclopentadiene	12.47	237	12122	14.57	ng/ul	98
39) 2,4,6-Trichlorophenol	12.74	196	27272	19.96	ng/ul	99
40) 2,4,5-Trichlorophenol	12.82	196	30738	20.24	ng/ul	97
41) 1,1'-Biphenyl	13.14	154	116491	20.52	ng/ul	99
42) 2-Chloronaphthalene	13.18	162	89406	20.85	ng/ul	99
43) 2-Nitroaniline	13.40	65	23276	18.85	ng/ul	98
45) Dimethylphthalate	13.77	163	119336	19.84	ng/ul	100
46) 2,6-Dinitrotoluene	13.90	165	23497	20.28	ng/ul	96
48) Acenaphthylene	14.03	152	150457	20.53	ng/ul	100
49) 3-Nitroaniline	14.23	138	23868	18.92	ng/ul	96
50) Acenaphthene	14.38	153	100964	20.29	ng/ul	97
51) 2,4-Dinitrophenol	14.45	184	7468	11.47	ng/ul	97
53) 4-Nitrophenol	14.55	109	12877	13.97	ng/ul	98
54) Dibenzofuran	14.72	168	144468	20.43	ng/ul	100
55) 2,4-Dinitrotoluene	14.70	165	37414	20.43	ng/ul	98
56) 2,3,4,6-Tetrachlorophenol	14.95	232	26424	19.64	ng/ul	100
57) Diethylphthalate	15.14	149	123070	19.67	ng/ul	100
59) Fluorene	15.37	166	119023	20.24	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.36	204	57094	20.59	ng/ul	98
61) 4-Nitroaniline	15.40	138	26629m	17.31	ng/ul	
64) 4,6-Dinitro-2-methylphenol	15.46	198	18734	17.08	ng/ul	98
65) N-Nitrosodiphenylamine	15.58	169	102324	20.23	ng/ul	98
66) 4-Bromophenyl-phenylether	16.26	248	34604	20.98	ng/ul	96
67) Hexachlorobenzene	16.38	284	39469	20.57	ng/ul	97
68) Atrazine	16.53	200	37000	19.67	ng/ul	99
69) Pentachlorophenol	16.73	266	17138	17.16	ng/ul	99
70) Phenanthrene	17.11	178	202402	20.43	ng/ul	99
72) Anthracene	17.20	178	207563	20.66	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.10	216	41151	21.12	ng/uL	99
74) Pentachlorobenzene	14.64	250	43014	20.94	ng/uL	99
75) Carbazole	17.47	167	186713	20.42	ng/ul	100
76) Di-n-butylphthalate	18.03	149	215383	19.68	ng/ul	100
77) Fluoranthene	19.14	202	245151	21.26	ng/ul	99
80) Pyrene	19.50	202	263864	21.01	ng/ul	100
81) Butylbenzylphthalate	20.41	149	105485	19.77	ng/ul	99
82) 3,3'-Dichlorobenzidine	21.20	252	71445	17.02	ng/ul	100
83) Benzo(a)anthracene	21.26	228	267192	20.55	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.19	149	159611	19.83	ng/ul	99
85) Chrysene	21.32	228	255149	20.64	ng/ul	100
87) Di-n-octyl phthalate	22.06	149	292361	20.86	ng/ul	99
88) Benzo(b)fluoranthene	22.84	252	278459	20.92	ng/ul	99
89) Benzo(k)fluoranthene	22.89	252	266307	21.47	ng/ul	99
91) Benzo(a)pyrene	23.41	252	267606	20.81	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.76	276	279119	18.18	ng/ul	99
93) Dibenzo(a,h)anthracene	25.77	278	225218	17.59	ng/ul	99
94) Benzo(g,h,i)perylene	26.45	276	239369	18.29	ng/ul	98

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

