

Data Path : Z:\HPCHEM1\BNA M\DATA\BM111715\
 Data File : BM003164.D
 Acq On : 17 Nov 2015 05:11
 Operator : UM/IZ
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD02044

Manual Integrations
 APPROVED

mmdadoda
 11/17/2015 5:57:59 PM

Quant Time: Nov 17 06:21:11 2015
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM103015.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Nov 17 02:43:56 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	169427	20.00	ng/ul	0.00
18) Naphthalene-d8	10.53	136	757770	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.39	164	422399	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.14	188	883774	20.00	ng/ul	0.00
78) Chrysene-d12	21.34	240	912879	20.00	ng/ul	0.01
86) Perylene-d12	23.60	264	940335	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.20	96	24494	6.82	ng/uL	0.00
5) Phenol-d5	6.90	99	229760	17.15	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.07	67	126991	16.22	ng/ul	0.00
9) 2-Chlorophenol-d4	7.27	132	196739	17.33	ng/ul	0.00
13) 4-Methylphenol-d8	8.45	113	189094	17.51	ng/ul	0.00
19) Nitrobenzene-d5	8.90	128	95584	20.68	ng/ul	0.00
22) 2-Nitrophenol-d4	9.62	143	101279	21.63	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.16	165	190094	18.10	ng/ul	0.00
29) 4-Chloroaniline-d4	10.67	131	244941	18.03	ng/ul	0.00
44) Dimethylphthalate-d6	13.80	166	546073	17.18	ng/ul	0.00
47) Acenaphthylene-d8	14.09	160	682456	16.95	ng/ul	0.00
52) 4-Nitrophenol-d4	14.59	143	101273	18.91	ng/ul	0.00
58) Fluorene-d10	15.39	176	464299	16.90	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.50	200	73491	17.96	ng/ul	0.00
71) Anthracene-d10	17.24	188	679199	17.34	ng/ul	0.00
79) Pyrene-d10	19.54	212	715096	15.91	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.45	264	793346	17.75	ng/ul	0.00

Target Compounds

					Ovalue
2) 1,4-Dioxane	3.23	88	25592	6.52 ng/uL#	92
4) Benzaldehyde	6.88	77	100556	14.61 ng/ul	92
6) Phenol	6.93	94	235553	17.09 ng/ul	93
8) Bis(2-Chloroethyl)ether	7.17	93	181273	16.48 ng/ul	98
10) 2-Chlorophenol	7.30	128	200989	17.15 ng/ul	98
11) 2-Methylphenol	8.18	108	184683	17.18 ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.28	45	203877	15.07 ng/ul#	93
14) Acetophenone	8.56	105	293521	17.90 ng/ul	97
15) N-Nitroso-di-n-propylamine	8.55	70	139925	17.23 ng/ul	93
16) 4-Methylphenol	8.51	108	201586	17.36 ng/ul	98
17) Hexachloroethane	8.82	117	77473	17.37 ng/ul	94
20) Nitrobenzene	8.95	77	204648	18.28 ng/ul	95
21) Isophorone	9.46	82	391081	17.22 ng/ul	96
23) 2-Nitrophenol	9.65	139	111327	20.47 ng/ul#	91
24) 2,4-Dimethylphenol	9.71	107	221975	17.47 ng/ul	92
25) Bis(2-Chloroethoxy)methane	9.95	93	246972	16.84 ng/ul	98
27) 2,4-Dichlorophenol	10.18	162	194100	18.02 ng/ul	100
28) Naphthalene	10.59	128	643555	16.92 ng/ul	99
30) 4-Chloroaniline	10.69	127	254358	17.87 ng/ul	99
31) Hexachlorobutadiene	10.87	225	120408	18.05 ng/ul	100
32) Caprolactam	11.45	113	58037	19.04 ng/ul	96
33) 4-Chloro-3-methylphenol	11.82	107	200304	17.59 ng/ul	96
34) 2-Methylnaphthalene	12.20	142	467427	17.05 ng/ul	100

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35) 1-Methylnaphthalene	12.42	142	455464m	16.95	ng/ul	
37) 1,2,4,5-Tetrachlorobenzene	12.57	216	230259	17.03	ng/ul	99
38) Hexachlorocyclopentadiene	12.56	237	113159	14.23	ng/ul	98
39) 2,4,6-Trichlorophenol	12.82	196	147240	17.85	ng/ul	99
40) 2,4,5-Trichlorophenol	12.89	196	160916	18.13	ng/ul	99
41) 1,1'-Biphenyl	13.22	154	590321	16.59	ng/ul	99
42) 2-Chloronaphthalene	13.26	162	445599	16.83	ng/ul	99
43) 2-Nitroaniline	13.47	65	110414	20.75	ng/ul	94
45) Dimethylphthalate	13.85	163	549143	16.96	ng/ul	100
46) 2,6-Dinitrotoluene	13.97	165	109097	20.62	ng/ul#	86
48) Acenaphthylene	14.12	152	722633	16.80	ng/ul	100
49) 3-Nitroaniline	14.30	138	114180	20.40	ng/ul	96
50) Acenaphthene	14.46	153	473963	16.37	ng/ul	99
51) 2,4-Dinitrophenol	14.50	184	51641	17.56	ng/ul	94
53) 4-Nitrophenol	14.60	109	75875	18.63	ng/ul#	73
54) Dibenzofuran	14.79	168	671854	16.60	ng/ul	95
55) 2,4-Dinitrotoluene	14.76	165	154645	20.76	ng/ul	93
56) 2,3,4,6-Tetrachlorophenol	15.02	232	132819	18.14	ng/ul#	96
57) Diethylphthalate	15.22	149	549313	17.20	ng/ul	98
59) Fluorene	15.44	166	529367	16.82	ng/ul	100
60) 4-Chlorophenyl-phenylether	15.44	204	257708	17.44	ng/ul	97
61) 4-Nitroaniline	15.46	138	117151	19.53	ng/ul#	80
64) 4,6-Dinitro-2-methylphenol	15.52	198	78929	17.79	ng/ul	98
65) N-Nitrosodiphenylamine	15.65	169	454985	17.14	ng/ul	99
66) 4-Bromophenyl-phenylether	16.33	248	155487	18.08	ng/ul	99
67) Hexachlorobenzene	16.44	284	178295	17.09	ng/ul	99
68) Atrazine	16.60	200	165657	18.07	ng/ul	99
69) Pentachlorophenol	16.79	266	103859	17.76	ng/ul	98
70) Phenanthrene	17.18	178	816012	16.31	ng/ul	99
72) Anthracene	17.27	178	824677	16.87	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.19	216	223378	16.67	ng/uL	98
74) Pentachlorobenzene	14.71	250	212927	16.80	ng/uL	98
75) Carbazole	17.54	167	726822	17.41	ng/ul	99
76) Di-n-butylphthalate	18.11	149	908275	18.89	ng/ul	99
77) Fluoranthene	19.20	202	899228	17.77	ng/ul	95
80) Pvrene	19.57	202	931179	15.59	ng/ul#	92
81) Butylbenzylphthalate	20.47	149	408937	23.21	ng/ul	96
82) 3,3'-Dichlorobenzidine	21.26	252	262141	20.55	ng/ul	99
83) Benzo(a)anthracene	21.32	228	889291	17.74	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.25	149	617485	22.41	ng/ul	100
85) Chrysene	21.37	228	829779	16.73	ng/ul	99
87) Di-n-octyl phthalate	22.14	149	1072881	22.15	ng/ul	100
88) Benzo(b)fluoranthene	22.92	252	930537	17.18	ng/ul#	97
89) Benzo(k)fluoranthene	22.96	252	864913	17.11	ng/ul#	96
91) Benzo(a)pyrene	23.50	252	887551	17.31	ng/ul#	96
92) Indeno(1,2,3-cd)pyrene	25.89	276	1055470	18.71	ng/ul	93
93) Dibenzo(a,h)anthracene	25.90	278	890369	20.03	ng/ul#	93
94) Benzo(a,h,i)perylene	26.59	276	890491	17.55	ng/ul#	92

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

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