

Data Path : Z:\HPCHEM1\BNA M\DATA\BM100215\
 Data File : BM002843.D
 Acq On : 02 Oct 2015 23:33
 Operator : UM/IZ
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleID :
 SSTD02004

Manual Integrations
 APPROVED

MMDADODA
 10/5/2015 1:24:18 PM

Quant Time: Oct 05 07:16:33 2015
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM092915.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Oct 02 05:57:21 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.69	152	65074	20.00	ng/ul	0.00
18) Naphthalene-d8	11.54	136	274604	20.00	ng/ul	0.00
36) Acenaphthene-d10	15.28	164	139042	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.99	188	286731	20.00	ng/ul	0.00
78) Chrysene-d12	22.08	240	301239	20.00	ng/ul	0.00
86) Perylene-d12	24.67	264	302335	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.76	96	11478	8.19	ng/uL	0.00
5) Phenol-d5	7.81	99	100629	20.41	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.97	67	54998	19.83	ng/ul	0.00
9) 2-Chlorophenol-d4	8.20	132	92714	20.20	ng/ul	0.00
13) 4-Methylphenol-d8	9.39	113	83904	20.64	ng/ul	0.00
19) Nitrobenzene-d5	9.88	128	42434	20.26	ng/ul	0.00
22) 2-Nitrophenol-d4	10.61	143	45038	20.58	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	11.16	165	78469m	20.32	ng/ul	0.00
29) 4-Chloroaniline-d4	11.67	131	102803	22.11	ng/ul	0.00
44) Dimethylphthalate-d6	14.66	166	214442	20.50	ng/ul	0.00
47) Acenaphthylene-d8	14.99	160	284723	20.40	ng/ul	0.00
52) 4-Nitrophenol-d4	15.47	143	30396	16.36	ng/ul	0.01
58) Fluorene-d10	16.26	176	193545	20.54	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	16.38	200	23702	16.95	ng/ul	0.00
71) Anthracene-d10	18.09	188	277062	20.25	ng/ul	0.00
79) Pyrene-d10	20.32	212	281940	20.05	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.50	264	309840	20.03	ng/ul	0.00

Target Compounds

					Ovalue
2) 1,4-Dioxane	3.80	88	12188	7.87 ng/ul	96
4) Benzaldehyde	7.80	77	57212	20.68 ng/ul	98
6) Phenol	7.84	94	103685	20.35 ng/ul	98
8) Bis(2-Chloroethyl)ether	8.07	93	81011	20.19 ng/ul	99
10) 2-Chlorophenol	8.24	128	94419	20.27 ng/ul	98
11) 2-Methylphenol	9.13	108	80212	20.39 ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	9.21	45	109481	19.81 ng/ul	99
14) Acetophenone	9.53	105	124285	20.33 ng/ul	100
15) N-Nitroso-di-n-propylamine	9.49	70	57740	20.08 ng/ul	97
16) 4-Methylphenol	9.46	108	86583	20.40 ng/ul	96
17) Hexachloroethane	9.79	117	34627	19.85 ng/ul	97
20) Nitrobenzene	9.93	77	82349	19.86 ng/ul	98
21) Isophorone	10.44	82	156197	19.83 ng/ul	99
23) 2-Nitrophenol	10.65	139	50034	20.69 ng/ul	99
24) 2,4-Dimethylphenol	10.67	107	89962	20.28 ng/ul	99
25) Bis(2-Chloroethoxy)methane	10.91	93	102702	19.88 ng/ul	97
27) 2,4-Dichlorophenol	11.19	162	79288	20.41 ng/ul	99
28) Naphthalene	11.59	128	283008	20.18 ng/ul	99
30) 4-Chloroaniline	11.70	127	105948	22.08 ng/ul	99
31) Hexachlorobutadiene	11.85	225	45032	19.80 ng/ul	99
32) Caprolactam	12.45	113	25612	20.82 ng/ul	96
33) 4-Chloro-3-methylphenol	12.77	107	79702	20.46 ng/ul	98
34) 2-Methylnaphthalene	13.15	142	198235	20.32 ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	13.37	142	192592	20.32	ng/ul	100
37) 1,2,4,5-Tetrachlorobenzene	13.51	216	87041	20.05	ng/ul	98
38) Hexachlorocyclopentadiene	13.47	237	14116	11.13	ng/ul	92
39) 2,4,6-Trichlorophenol	13.74	196	54045	19.87	ng/ul	99
40) 2,4,5-Trichlorophenol	13.82	196	58820	20.25	ng/ul	97
41) 1,1'-Biphenyl	14.12	154	241622	20.34	ng/ul	99
42) 2-Chloronaphthalene	14.18	162	182874	20.14	ng/ul	99
43) 2-Nitroaniline	14.38	65	44330	20.45	ng/ul	96
45) Dimethylphthalate	14.71	163	218225	20.52	ng/ul	99
46) 2,6-Dinitrotoluene	14.85	165	45392	20.88	ng/ul	98
48) Acenaphthylene	15.02	152	300256	20.39	ng/ul	100
49) 3-Nitroaniline	15.19	138	49492	22.00	ng/ul	97
50) Acenaphthene	15.35	153	199338	20.50	ng/ul	100
51) 2,4-Dinitrophenol	15.42	184	9253	12.15	ng/ul	91
53) 4-Nitrophenol	15.49	109	18100	17.21	ng/ul	97
54) Dibenzofuran	15.67	168	271328	20.59	ng/ul	99
55) 2,4-Dinitrotoluene	15.64	165	65359	21.27	ng/ul	99
56) 2,3,4,6-Tetrachlorophenol	15.89	232	38330	17.78	ng/ul	94
57) Diethylphthalate	16.04	149	220639	20.65	ng/ul	100
59) Fluorene	16.31	166	224962	20.80	ng/ul	98
60) 4-Chlorophenyl-phenylether	16.28	204	102263	20.50	ng/ul	99
61) 4-Nitroaniline	16.33	138	54460	22.23	ng/ul	99
64) 4,6-Dinitro-2-methylphenol	16.40	198	24779	16.72	ng/ul#	99
65) N-Nitrosodiphenylamine	16.49	169	189557	20.14	ng/ul	99
66) 4-Bromophenyl-phenylether	17.17	248	59822	20.11	ng/ul	98
67) Hexachlorobenzene	17.30	284	67190	19.83	ng/ul	100
68) Atrazine	17.41	200	64553	20.47	ng/ul	99
69) Pentachlorophenol	17.65	266	14634m	11.29	ng/ul	
70) Phenanthrene	18.03	178	336534	20.29	ng/ul	99
72) Anthracene	18.13	178	343045	20.32	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	14.10	216	84042	19.44	ng/uL	97
74) Pentachlorobenzene	15.59	250	79415	19.74	ng/uL	99
75) Carbazole	18.39	167	311667	21.14	ng/ul	100
76) Di-n-butylphthalate	18.87	149	382510	20.31	ng/ul	100
77) Fluoranthene	20.00	202	365984	21.37	ng/ul	98
80) Pvrene	20.35	202	380433	19.88	ng/ul	99
81) Butylbenzylphthalate	21.16	149	172253	19.99	ng/ul	99
82) 3,3'-Dichlorobenzidine	21.97	252	117258	20.98	ng/ul	99
83) Benzo(a)anthracene	22.06	228	358156	20.00	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.90	149	252996	19.56	ng/ul	99
85) Chrysene	22.12	228	341508	20.22	ng/ul	99
87) Di-n-octyl phthalate	22.87	149	434591	20.15	ng/ul	100
88) Benzo(b)fluoranthene	23.87	252	363910	20.04	ng/ul	99
89) Benzo(k)fluoranthene	23.92	252	342521	19.92	ng/ul	99
91) Benzo(a)pyrene	24.56	252	346901	19.88	ng/ul	100
92) Indeno(1,2,3-cd)pyrene	27.40	276	403180	19.81	ng/ul	98
93) Dibenzo(a,h)anthracene	27.39	278	338620	19.70	ng/ul	100
94) Benzo(a,h,i)perylene	28.24	276	338893	19.78	ng/ul	99

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

