

Data Path : Z:\HPCHEM1\BNA_M\Data\BM073015\
 Data File : BM002146.D
 Acq On : 30 Jul 2015 21:38
 Operator : TP/UM
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 LabSampleId :
 SSTD02088

Quant Time: Jul 31 05:37:56 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072715.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jul 31 05:01:46 2015
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 20% Max. R.T. Dev 0.50min
 Max. RRF Dev : 20% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	88	0.05
2	1,4-Dioxane	0.413	0.322	22.0#	70	0.05
3 S	1,4-Dioxane-d8	0.387	0.304	21.4#	69	0.05
4	Benzaldehyde	0.759	0.765	-0.8	86	0.05
5 S	Phenol-d5	1.430	1.408	1.5	87	0.05
6	Phenol	1.462	1.437	1.7	87	0.05
7 S	Bis-(2-Chloroethyl)ether-d8	0.791	0.729	7.8	81	0.05
8	Bis(2-Chloroethyl)ether	1.099	1.032	6.1	83	0.04
9 S	2-Chlorophenol-d4	1.212	1.198	1.2	87	0.05
10	2-Chlorophenol	1.215	1.188	2.2	86	0.05
11	2-Methylphenol	1.107	1.140	-3.0	92	0.05
12	2,2'-oxybis(1-Chloropropane	1.126	1.029	8.6	80	0.04
13 S	4-Methylphenol-d8	1.137	1.196	-5.2	94	0.05
14	Acetophenone	1.800	1.884	-4.7	93	0.05
15 P	N-Nitroso-di-n-propylamine	0.872	0.923	-5.8	92	0.04
16	4-Methylphenol	1.189	1.259	-5.9	95	0.05
17	Hexachloroethane	0.497	0.415	16.5	75	0.05
18 I	Naphthalene-d8	1.000	1.000	0.0	99	0.05
19 S	Nitrobenzene-d5	0.142	0.134	5.6	95	0.05
20	Nitrobenzene	0.334	0.304	9.0	91	0.05
21	Isophorone	0.595	0.576	3.2	96	0.05
22 S	2-Nitrophenol-d4	0.158	0.153	3.2	96	0.05
23 C	2-Nitrophenol	0.173	0.161	6.9	92	0.05
24	2,4-Dimethylphenol	0.339	0.325	4.1	96	0.05
25	Bis(2-Chloroethoxy)methane	0.362	0.337	6.9	94	0.05
26 S	2,4-Dichlorophenol-d3	0.304	0.308	-1.3	100	0.05
27 C	2,4-Dichlorophenol	0.295	0.293	0.7	100	0.05
28	Naphthalene	0.950	0.883	7.1	93	0.05
29 S	4-Chloroaniline-d4	0.334	0.356	-6.6	103	0.04
30	4-Chloroaniline	0.348	0.370	-6.3	102	0.05
31 C	Hexachlorobutadiene	0.220	0.206	6.4	93	0.04
32	Caprolactam	0.083	0.089	-7.2	111	0.05
33 C	4-Chloro-3-methylphenol	0.293	0.308	-5.1	105	0.05
34	2-Methylnaphthalene	0.691	0.677	2.0	98	0.05
35	1-Methylnaphthalene	0.665	0.660	0.8	99	0.05
36 I	Acenaphthene-d10	1.000	1.000	0.0	110	0.05
37	1,2,4,5-Tetrachlorobenzene	0.696	0.639	8.2	104	0.05
38	Hexachlorocyclopentadiene	0.396	0.119	69.9#	37	0.04
39 C	2,4,6-Trichlorophenol	0.408	0.403	1.2	108	0.05
40	2,4,5-Trichlorophenol	0.441	0.434	1.6	109	0.05
41	1,1'-Biphenyl	1.541	1.402	9.0	101	0.05
42	2-Chloronaphthalene	1.198	1.104	7.8	102	0.04
43	2-Nitroaniline	0.299	0.292	2.3	106	0.04
44 S	Dimethylphthalate-d6	1.465	1.387	5.3	104	0.04

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
45	Dimethylphthalate	1.463	1.371	6.3	103	0.04
46	2,6-Dinitrotoluene	0.298	0.296	0.7	108	0.04
47 S	Acenaphthylene-d8	1.832	1.735	5.3	104	0.04
48	Acenaphthylene	1.890	1.789	5.3	104	0.04
49	3-Nitroaniline	0.265	0.289	-9.1	123	0.04
50 C	Acenaphthene	1.239	1.160	6.4	104	0.05
51	2,4-Dinitrophenol	0.175	0.060	65.7#	44	0.05
52 S	4-Nitrophenol-d4	0.245	0.212	13.5	100	0.05
53	4-Nitrophenol	0.204	0.187	8.3	105	0.05
54	Dibenzofuran	1.777	1.694	4.7	105	0.04
55	2,4-Dinitrotoluene	0.428	0.430	-0.5	108	0.05
56	2,3,4,6-Tetrachlorophenol	0.371	0.353	4.9	103	0.04
57	Diethylphthalate	1.443	1.365	5.4	103	0.04
58 S	Fluorene-d10	1.289	1.246	3.3	106	0.04
59	Fluorene	1.469	1.413	3.8	106	0.04
60	4-Chlorophenyl-phenylether	0.786	0.743	5.5	105	0.04
61	4-Nitroaniline	0.282	0.317	-12.4	122	0.04
62 I	Phenanthrene-d10	1.000	1.000	0.0	114	0.05
63 S	4,6-Dinitro-2-methylphenol-	0.122	0.061	50.0#	62	0.05
64	4,6-Dinitro-2-methylphenol	0.128	0.063	50.8#	59	0.05
65	N-Nitrosodiphenylamine	0.572	0.534	6.6	109	0.04
66	4-Bromophenyl-phenylether	0.213	0.201	5.6	109	0.04
67	Hexachlorobenzene	0.233	0.223	4.3	112	0.05
68	Atrazine	0.221	0.209	5.4	109	0.04
69 C	Pentachlorophenol	0.119	0.081	31.9#	84	0.05
70	Phenanthrene	1.036	0.963	7.0	107	0.05
71 S	Anthracene-d10	0.893	0.842	5.7	109	0.04
72	Anthracene	1.059	0.988	6.7	108	0.04
73	1,2,3,4-Tetrachlorobenzene	0.303	0.270	10.9	103	0.05
74	Pentachlorobenzene	0.283	0.261	7.8	108	0.05
75	Carbazole	0.905	0.843	6.9	107	0.05
76	Di-n-butylphthalate	1.079	1.022	5.3	108	0.04
77 C	Fluoranthene	1.196	1.081	9.6	104	0.04
78 I	Chrysene-d12	1.000	1.000	0.0	90	0.04
79 S	Pyrene-d10	0.842	0.927	-10.1	100	0.04
80	Pyrene	1.088	1.180	-8.5	99	0.04
81	Butylbenzylphthalate	0.416	0.475	-14.2	103	0.04
82	3,3'-Dichlorobenzidine	0.354	0.314	11.3	84	0.04
83	Benzo(a)anthracene	1.109	1.052	5.1	86	0.04
84	Bis(2-ethylhexyl)phthalate	0.636	0.695	-9.3	100	0.04
85	Chrysene	1.037	0.965	6.9	84	0.04
86 I	Perylene-d12	1.000	1.000	0.0	76	0.05
87	Di-n-octyl phthalate	1.148	1.360	-18.5	92	0.04

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
88	Benzo(b)fluoranthene	1.124	1.084	3.6	75	0.05
89	Benzo(k)fluoranthene	1.084	1.024	5.5	72	0.05
90 S	Benzo(a)pyrene-d12	0.970	0.925	4.6	73	0.05
91 C	Benzo(a)pyrene	1.085	1.009	7.0	71	0.05
92	Indeno(1,2,3-cd)pyrene	1.250	1.090	12.8	67	0.09
93	Dibenzo(a,h)anthracene	1.070	0.939	12.2	68	0.08
94	Benzo(g,h,i)perylene	1.048	0.907	13.5	67	0.09

(#) = Out of Range

SPCC's out = 0 CCC's out = 1