

Data Path : U:\HPCHEM1\BNA G\Data\BG092915\
 Data File : BG018954.D
 Acq On : 29 Sep 2015 12:51
 Operator : UM/NP
 Sample : SSTDC0020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 LabSampleId :
 SSTD02016

Quant Time: Sep 30 02:20:01 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG091015.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Sep 29 00:58:09 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	AvqRF	CCRF	%Dev	Area%	Dev(min)
1 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	76	0.00
2	1,4-Dioxane	0.450	0.441	2.0	72	0.00
3 S	1,4-Dioxane-d8	0.416	0.399	4.1	74	0.00
4	Benzaldehyde	0.950	0.999	-5.2	72	0.00
5 S	Phenol-d5	1.642	1.610	1.9	76	0.00
6	Phenol	1.699	1.703	-0.2	78	0.00
7 S	Bis-(2-Chloroethyl)ether-d8	0.952	0.856	10.1	68	0.00
8	Bis(2-Chloroethyl)ether	1.269	1.243	2.0	74	0.00
9 S	2-Chlorophenol-d4	1.244	1.302	-4.7	81	0.00
10	2-Chlorophenol	1.288	1.334	-3.6	77	0.00
11	2-Methylphenol	1.306	1.319	-1.0	79	0.00
12	2,2'-oxybis(1-Chloropropane	1.506	1.357	9.9	68	0.00
13 S	4-Methylphenol-d8	1.333	1.323	0.8	78	0.00
14	Acetophenone	2.030	2.004	1.3	75	0.00
15 P	N-Nitroso-di-n-propylamine	1.047	0.968	7.5	71	0.00
16	4-Methylphenol	1.436	1.451	-1.0	78	0.00
17	Hexachloroethane	0.513	0.504	1.8	80	0.00
18 I	Naphthalene-d8	1.000	1.000	0.0	74	0.00
19 S	Nitrobenzene-d5	0.152	0.161	-5.9	81	0.00
20	Nitrobenzene	0.351	0.331	5.7	72	0.00
21	Isophorone	0.716	0.670	6.4	72	0.00
22 S	2-Nitrophenol-d4	0.152	0.175	-15.1	89	0.00
23 C	2-Nitrophenol	0.172	0.184	-7.0	84	0.00
24	2,4-Dimethylphenol	0.356	0.357	-0.3	78	0.00
25	Bis(2-Chloroethoxy)methane	0.422	0.414	1.9	74	0.00
26 S	2,4-Dichlorophenol-d3	0.321	0.340	-5.9	82	0.00
27 C	2,4-Dichlorophenol	0.321	0.336	-4.7	81	0.00
28	Naphthalene	1.018	1.027	-0.9	77	0.00
29 S	4-Chloroaniline-d4	0.373	0.449	-20.4#	87	0.00
30	4-Chloroaniline	0.386	0.466	-20.7#	86	0.00
31 C	Hexachlorobutadiene	0.198	0.208	-5.1	81	0.00
32	Caprolactam	0.131	0.148	-13.0	84	0.00
33 C	4-Chloro-3-methylphenol	0.342	0.365	-6.7	81	0.00
34	2-Methylnaphthalene	0.752	0.768	-2.1	79	0.00
35	1-Methylnaphthalene	0.721	0.745	-3.3	80	0.00
36 I	Acenaphthene-d10	1.000	1.000	0.0	80	0.00
37	1,2,4,5-Tetrachlorobenzene	0.620	0.622	-0.3	84	0.00
38	Hexachlorocyclopentadiene	0.345	0.239	30.7#	60	0.00
39 C	2,4,6-Trichlorophenol	0.403	0.431	-6.9	85	0.00
40	2,4,5-Trichlorophenol	0.434	0.477	-9.9	89	0.00
41	1,1'-Biphenyl	1.514	1.487	1.8	81	0.00
42	2-Chloronaphthalene	1.154	1.164	-0.9	82	0.00
43	2-Nitroaniline	0.342	0.329	3.8	80	0.00
44 S	Dimethylphthalate-d6	1.610	1.683	-4.5	87	0.00

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

	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
45	Dimethylphthalate	1.560	1.626	-4.2	85	0.00
46	2,6-Dinitrotoluene	0.314	0.363	-15.6	95	0.00
47 S	Acenaphthylene-d8	1.907	1.931	-1.3	82	0.00
48	Acenaphthylene	2.029	2.055	-1.3	82	0.00
49	3-Nitroaniline	0.333	0.427	-28.2#	98	0.00
50 C	Acenaphthene	1.367	1.375	-0.6	83	0.00
51	2,4-Dinitrophenol	0.141	0.125	11.3	90	0.00
52 S	4-Nitrophenol-d4	0.309	0.346	-12.0	93	0.00
53	4-Nitrophenol	0.212	0.216	-1.9	84	0.00
54	Dibenzofuran	1.918	1.949	-1.6	82	0.00
55	2,4-Dinitrotoluene	0.467	0.559	-19.7	97	0.00
56	2,3,4,6-Tetrachlorophenol	0.419	0.446	-6.4	89	0.00
57	Diethylphthalate	1.622	1.679	-3.5	85	0.00
58 S	Fluorene-d10	1.407	1.471	-4.5	85	0.00
59	Fluorene	1.620	1.698	-4.8	85	0.00
60	4-Chlorophenyl-phenylether	0.772	0.815	-5.6	88	0.00
61	4-Nitroaniline	0.383	0.495	-29.2#	97	0.00
62 I	Phenanthrene-d10	1.000	1.000	0.0	86	0.00
63 S	4,6-Dinitro-2-methylphenol-	0.095	0.107	-12.6	113	0.00
64	4,6-Dinitro-2-methylphenol	0.097	0.107	-10.3	108	0.00
65	N-Nitrosodiphenylamine	0.524	0.517	1.3	88	0.00
66	4-Bromophenyl-phenylether	0.196	0.194	1.0	91	0.00
67	Hexachlorobenzene	0.217	0.235	-8.3	101	0.00
68	Atrazine	0.231	0.254	-10.0	95	0.00
69 C	Pentachlorophenol	0.127	0.087	31.5#	65	0.00
70	Phenanthrene	1.017	1.059	-4.1	91	0.00
71 S	Anthracene-d10	0.881	0.929	-5.4	95	0.00
72	Anthracene	1.020	1.062	-4.1	91	0.00
73	1,2,3,4-Tetrachlorobenzene	0.238	0.217	8.8	82	0.00
74	Pentachlorobenzene	0.232	0.229	1.3	88	0.00
75	Carbazole	0.906	1.070	-18.1	95	0.00
76	Di-n-butylphthalate	1.144	1.264	-10.5	95	0.00
77 C	Fluoranthene	1.127	1.409	-25.0#	97	0.00
78 I	Chrysene-d12	1.000	1.000	0.0	94	0.00
79 S	Pyrene-d10	0.920	0.977	-6.2	102	0.00
80	Pyrene	1.176	1.234	-4.9	97	0.00
81	Butylbenzylphthalate	0.451	0.486	-7.8	104	0.00
82	3,3'-Dichlorobenzidine	0.355	0.463	-30.4#	119	0.00
83	Benzo(a)anthracene	1.109	1.154	-4.1	99	0.00
84	Bis(2-ethylhexyl)phthalate	0.669	0.705	-5.4	100	0.00
85	Chrysene	1.023	1.057	-3.3	100	0.00
86 I	Perylene-d12	1.000	1.000	0.0	96	0.00
87	Di-n-octyl phthalate	1.058	1.171	-10.7	102	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
88	Benzo(b)fluoranthene	1.131	1.148	-1.5	100	0.00
89	Benzo(k)fluoranthene	1.083	1.123	-3.7	99	0.00
90 S	Benzo(a)pyrene-d12	0.973	1.010	-3.8	103	0.00
91 C	Benzo(a)pyrene	1.075	1.097	-2.0	100	0.00
92	Indeno(1,2,3-cd)pyrene	1.246	1.294	-3.9	103	0.00
93	Dibenzo(a,h)anthracene	1.000	1.076	-7.6	108	0.00
94	Benzo(a,h,i)perylene	1.040	1.077	-3.6	103	0.00

(#) = Out of Range

SPCC's out = 0 CCC's out = 2