

Data Path : Z:\HPCHEM1\BNA M\DATA\BM012315\
 Data File : BM000346.D
 Acq On : 24 Jan 2015 22:44
 Operator : TP/IZ
 Sample : SSTD02048
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 LabSampleId :
 SSTD02048

Manual Integrations
 APPROVED

apatel
 1/26/2015 4:53:18 PM

Quant Time: Jan 26 13:35:15 2015
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM01.2-EPA-BM012315.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jan 26 12:45:18 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	112210	20.00	ng/ul	0.00
18) Naphthalene-d8	10.60	136	504415	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.45	164	419231	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.19	188	993931	20.00	ng/ul	0.00
75) Chrysene-d12	21.38	240	1386276	20.00	ng/ul	0.00
83) Perylene-d12	23.66	264	1398478	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.30	96	24194	9.46	ng/uL	0.00
5) Phenol-d5	6.97	99	195154	20.53	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.15	67	129138	19.68	ng/ul	0.00
9) 2-Chlorophenol-d4	7.35	132	134395	19.83	ng/ul	0.00
13) 4-Methylphenol-d8	8.52	113	147865	20.18	ng/ul	0.00
19) Nitrobenzene-d5	8.97	128	74939	19.66	ng/ul	0.00
22) 2-Nitrophenol-d4	9.69	143	69607	19.73	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.22	165	158928	20.72	ng/ul	0.00
29) 4-Chloroaniline-d4	10.74	131	207043	22.06	ng/ul	0.00
43) Dimethylphthalate-d6	13.86	166	582965	19.37	ng/ul	0.00
46) Acenaphthylene-d8	14.14	160	737053	20.05	ng/ul	0.00
51) 4-Nitrophenol-d4	14.64	143	98679	19.81	ng/ul	0.00
57) Fluorene-d10	15.44	176	557722	20.65	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.56	200	99640	19.01	ng/ul	0.00
70) Anthracene-d10	17.29	188	963887	20.42	ng/ul	0.00
76) Pyrene-d10	19.59	212	1156299	18.79	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.51	264	1301492	20.46	ng/ul	0.00

Target Compounds

						Ovalue
2) 1,4-Dioxane	3.33	88	31154	8.99	ng/ul	98
4) Benzaldehyde	6.96	77	158001	21.78	ng/ul	98
6) Phenol	7.00	94	201318	20.15	ng/ul	94
8) Bis(2-Chloroethyl)ether	7.23	93	157163	19.42	ng/ul	99
10) 2-Chlorophenol	7.37	128	142545	20.06	ng/ul	99
11) 2-Methylphenol	8.25	108	149934	20.29	ng/ul	94
12) 2,2'-oxybis(1-Chloropropan	8.35	45	283656	19.52	ng/ul	99
14) Acetophenone	8.63	105	304217	21.02	ng/ul	91
15) N-Nitroso-di-n-propylamine	8.62	70	147582	19.76	ng/ul	96
16) 4-Methylphenol	8.57	108	164191	20.06	ng/ul	93
17) Hexachloroethane	8.89	117	78294	20.96	ng/ul	95
20) Nitrobenzene	9.01	77	257133	20.87	ng/ul	97
21) Isophorone	9.53	82	423082	19.98	ng/ul	99
23) 2-Nitrophenol	9.72	139	79229	20.34	ng/ul	94
24) 2,4-Dimethylphenol	9.77	107	214534	19.96	ng/ul	92
25) Bis(2-Chloroethoxy)methane	10.01	93	217009	19.03	ng/ul	98
27) 2,4-Dichlorophenol	10.25	162	157573	20.44	ng/ul	97
28) Naphthalene	10.65	128	527943	20.53	ng/ul	98
30) 4-Chloroaniline	10.76	127	217882	21.90	ng/ul	96
31) Hexachlorobutadiene	10.93	225	129487	21.16	ng/ul	98
32) Caprolactam	11.52	113	39461m	17.40	ng/ul	
33) 4-Chloro-3-methylphenol	11.88	107	203216	20.92	ng/ul	98
34) 2-Methylnaphthalene	12.26	142	411537	20.69	ng/ul	95

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36) 1,2,4,5-Tetrachlorobenzene	12.63	216	238091	19.81	ng/ul	98
37) Hexachlorocyclopentadiene	12.61	237	138594	17.99	ng/ul	99
38) 2,4,6-Trichlorophenol	12.87	196	130729	19.05	ng/ul	99
39) 2,4,5-Trichlorophenol	12.94	196	146303	18.81	ng/ul	96
40) 1,1'-Biphenyl	13.28	154	579384	19.27	ng/ul	98
41) 2-Chloronaphthalene	13.32	162	453474	19.52	ng/ul	98
42) 2-Nitroaniline	13.53	65	149113	17.96	ng/ul	98
44) Dimethylphthalate	13.90	163	611664	19.82	ng/ul#	99
45) 2,6-Dinitrotoluene	14.03	165	110721	19.61	ng/ul	90
47) Acenaphthylene	14.17	152	775102	19.99	ng/ul	99
48) 3-Nitroaniline	14.36	138	119916	20.53	ng/ul	94
49) Acenaphthene	14.51	153	515609	20.39	ng/ul	99
50) 2,4-Dinitrophenol	14.56	184	52475	17.38	ng/ul	97
52) 4-Nitrophenol	14.66	109	174519	21.19	ng/ul	90
53) Dibenzofuran	14.84	168	766465	20.57	ng/ul	93
54) 2,4-Dinitrotoluene	14.81	165	193441	21.47	ng/ul	95
55) 2,3,4,6-Tetrachlorophenol	15.07	232	141310	21.31	ng/ul	97
56) Diethylphthalate	15.27	149	667834	20.62	ng/ul	98
58) Fluorene	15.50	166	658929	21.23	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.49	204	328772	21.10	ng/ul	99
60) 4-Nitroaniline	15.52	138	139504	21.03	ng/ul	99
63) 4,6-Dinitro-2-methylphenol	15.57	198	100363	18.51	ng/ul	91
64) N-Nitrosodiphenylamine	15.70	169	552091	19.75	ng/ul	98
65) 4-Bromophenyl-phenylether	16.39	248	207696	19.72	ng/ul	99
66) Hexachlorobenzene	16.50	284	252854	20.25	ng/ul	96
67) Atrazine	16.65	200	199170	20.26	ng/ul	95
68) Pentachlorophenol	16.84	266	116487	18.35	ng/ul	98
69) Phenanthrene	17.23	178	1142795	20.51	ng/ul	98
71) Anthracene	17.33	178	1188425	20.85	ng/ul	100
72) Carbazole	17.59	167	1054098	21.36	ng/ul	99
73) Di-n-butylphthalate	18.16	149	1069318	19.44	ng/ul	99
74) Fluoranthene	19.25	202	1432908	21.83	ng/ul	98
77) Pyrene	19.62	202	1565945	19.17	ng/ul	97
78) Butylbenzylphthalate	20.52	149	386370	15.36	ng/ul	95
79) 3,3'-Dichlorobenzidine	21.30	252	382874	19.22	ng/ul#	97
80) Benzo(a)anthracene	21.36	228	1619086	19.97	ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.29	149	609193	15.77	ng/ul#	98
82) Chrysene	21.41	228	1539650	20.17	ng/ul	98
84) Di-n-octyl phthalate	22.17	149	1175444	16.15	ng/ul	100
85) Benzo(b)fluoranthene	22.97	252	1764113	20.92	ng/ul	98
86) Benzo(k)fluoranthene	23.01	252	1628195	19.66	ng/ul	99
88) Benzo(a)pyrene	23.56	252	1655989	20.65	ng/ul	98
89) Indeno(1,2,3-cd)pyrene	25.98	276	1915176	22.02	ng/ul	99
90) Dibenzo(a,h)anthracene	25.99	278	1604436	21.99	ng/ul	96
91) Benzo(g,h,i)perylene	26.69	276	1586628	22.07	ng/ul	98

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

