

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM013015\
 Data File : BM000407.D
 Acq On : 30 Jan 2015 19:20
 Operator : TP/IZ
 Sample : SSTD02064
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 LabSampleId :
 SSTD02064

Manual Integrations
 APPROVED

apatel
 2/2/2015 12:49:59 PM

Quant Time: Feb 02 09:43:21 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM01.2-EPA-BM012915.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jan 30 16:03:45 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	210585	20.00	ng/ul	0.00
18) Naphthalene-d8	10.55	136	923588	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.40	164	724661	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.15	188	1614906	20.00	ng/ul	0.00
75) Chrysene-d12	21.34	240	1588306	20.00	ng/ul	0.00
83) Perylene-d12	23.60	264	1177022	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.22	96	22591	7.95	ng/uL	0.00
5) Phenol-d5	6.92	99	305252	20.48	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.09	67	186083	19.77	ng/ul	0.00
9) 2-Chlorophenol-d4	7.29	132	254448	20.65	ng/ul	0.00
13) 4-Methylphenol-d8	8.46	113	258932	20.23	ng/ul	0.00
19) Nitrobenzene-d5	8.91	128	121843	19.67	ng/ul	0.00
22) 2-Nitrophenol-d4	9.63	143	143252	21.84	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.16	165	300730	20.79	ng/ul	0.00
29) 4-Chloroaniline-d4	10.68	131	375618	21.72	ng/ul	0.00
43) Dimethylphthalate-d6	13.81	166	1072711	19.75	ng/ul	0.00
46) Acenaphthylene-d8	14.09	160	1266743	19.75	ng/ul	0.00
51) 4-Nitrophenol-d4	14.60	143	166830	20.16	ng/ul	0.00
57) Fluorene-d10	15.40	176	943260	19.84	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.52	200	186858	21.16	ng/ul	0.00
70) Anthracene-d10	17.25	188	1494016	19.96	ng/ul	0.00
76) Pyrene-d10	19.55	212	1638002	19.98	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.46	264	1107635	19.76	ng/ul	0.00

Target Compounds

					Qvalue
2) 1,4-Dioxane	3.25	88	30448	7.65 ng/uL#	63
4) Benzaldehyde	6.90	77	213093	21.77 ng/ul	97
6) Phenol	6.95	94	307355	20.31 ng/ul	98
8) Bis(2-Chloroethyl)ether	7.18	93	240604	20.17 ng/ul	98
10) 2-Chlorophenol	7.32	128	260635	20.73 ng/ul	98
11) 2-Methylphenol	8.19	108	256190	20.57 ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.29	45	506026	20.38 ng/ul	98
14) Acetophenone	8.58	105	443558	19.69 ng/ul	98
15) N-Nitroso-di-n-propylamine	8.56	70	223623	20.22 ng/ul	96
16) 4-Methylphenol	8.52	108	277404	20.58 ng/ul	98
17) Hexachloroethane	8.83	117	120438	19.77 ng/ul	97
20) Nitrobenzene	8.95	77	361898	20.21 ng/ul	97
21) Isophorone	9.48	82	646377	20.32 ng/ul	98
23) 2-Nitrophenol	9.66	139	151762	21.02 ng/ul	91
24) 2,4-Dimethylphenol	9.72	107	375485	20.03 ng/ul	97
25) Bis(2-Chloroethoxy)methane	9.96	93	348419	20.27 ng/ul	95
27) 2,4-Dichlorophenol	10.19	162	297623	20.54 ng/ul	99
28) Naphthalene	10.60	128	915491	19.83 ng/ul	99
30) 4-Chloroaniline	10.71	127	384574	21.48 ng/ul	100
31) Hexachlorobutadiene	10.88	225	230104	19.60 ng/ul	97
32) Caprolactam	11.47	113	79640m	20.37 ng/ul	
33) 4-Chloro-3-methylphenol	11.83	107	355533	20.40 ng/ul	99
34) 2-Methylnaphthalene	12.22	142	720846	20.09 ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.59	216	414548	19.08	ng/ul	97
37) Hexachlorocyclopentadiene	12.56	237	263324	19.51	ng/ul	98
38) 2,4,6-Trichlorophenol	12.83	196	261859	19.76	ng/ul	95
39) 2,4,5-Trichlorophenol	12.90	196	273008	18.73	ng/ul	95
40) 1,1'-Biphenyl	13.23	154	1025018	19.51	ng/ul	99
41) 2-Chloronaphthalene	13.27	162	787584	19.25	ng/ul	99
42) 2-Nitroaniline	13.48	65	262144	20.06	ng/ul	95
44) Dimethylphthalate	13.86	163	1079185	19.71	ng/ul	98
45) 2,6-Dinitrotoluene	13.98	165	208041	20.77	ng/ul	93
47) Acenaphthylene	14.12	152	1311364	19.87	ng/ul	98
48) 3-Nitroaniline	14.31	138	203759	20.94	ng/ul	97
49) Acenaphthene	14.47	153	843080	19.73	ng/ul	97
50) 2,4-Dinitrophenol	14.52	184	109698	20.46	ng/ul	96
52) 4-Nitrophenol	14.62	109	268876	19.73	ng/ul	97
53) Dibenzofuran	14.80	168	1260587	19.79	ng/ul	96
54) 2,4-Dinitrotoluene	14.77	165	314734	20.52	ng/ul#	97
55) 2,3,4,6-Tetrachlorophenol	15.03	232	258607	20.05	ng/ul	98
56) Diethylphthalate	15.23	149	1163214	20.15	ng/ul	96
58) Fluorene	15.45	166	1048136	19.72	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.45	204	547912	19.52	ng/ul	100
60) 4-Nitroaniline	15.48	138	225141	21.68	ng/ul	92
63) 4,6-Dinitro-2-methylphenol	15.53	198	188291	20.97	ng/ul	97
64) N-Nitrosodiphenylamine	15.66	169	911573	20.20	ng/ul	99
65) 4-Bromophenyl-phenylether	16.34	248	341590	19.83	ng/ul	96
66) Hexachlorobenzene	16.46	284	383566	19.35	ng/ul	100
67) Atrazine	16.62	200	379921	20.80	ng/ul	98
68) Pentachlorophenol	16.80	266	217165	19.54	ng/ul	98
69) Phenanthrene	17.19	178	1761149	19.98	ng/ul	99
71) Anthracene	17.28	178	1768779	19.92	ng/ul	99
72) Carbazole	17.55	167	1554356	20.43	ng/ul	99
73) Di-n-butylphthalate	18.12	149	1895693	20.88	ng/ul	100
74) Fluoranthene	19.21	202	2028393	19.79	ng/ul	98
77) Pyrene	19.57	202	2121956	20.02	ng/ul	98
78) Butylbenzylphthalate	20.47	149	836839	22.04	ng/ul	98
79) 3,3'-Dichlorobenzidine	21.26	252	584473	20.58	ng/ul	99
80) Benzo(a)anthracene	21.33	228	1844976	19.72	ng/ul	100
81) Bis(2-ethylhexyl)phthalate	21.25	149	1115548	20.76	ng/ul	98
82) Chrysene	21.38	228	1716028	19.70	ng/ul	99
84) Di-n-octyl phthalate	22.13	149	1743449	22.13	ng/ul	100
85) Benzo(b)fluoranthene	22.92	252	1519954	20.16	ng/ul	99
86) Benzo(k)fluoranthene	22.96	252	1486305	20.16	ng/ul	98
88) Benzo(a)pyrene	23.50	252	1368194	19.92	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	25.89	276	1301617	18.94	ng/ul	98
90) Dibenzo(a,h)anthracene	25.89	278	1090417	19.08	ng/ul	99
91) Benzo(g,h,i)perylene	26.58	276	1083610	19.03	ng/ul	100

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

