

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012915\
 Data File : BM000402.D
 Acq On : 30 Jan 2015 00:53
 Operator : TP/IZ
 Sample : SSTD02062
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 LabSampleId :
 SSTD02062

Manual Integrations
 APPROVED

apatel
 1/30/2015 5:53:41 PM

Quant Time: Jan 30 16:36:58 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	7.76	152	163297	20.00	ng/ul	0.00
18) Naphthalene-d8	10.55	136	729716	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.40	164	576342	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.15	188	1347920	20.00	ng/ul	0.00
75) Chrysene-d12	21.34	240	1483983	20.00	ng/ul	0.00
83) Perylene-d12	23.60	264	1263025	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.22	96	18344	8.33	ng/uL	0.00
5) Phenol-d5	6.92	99	232160	20.09	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.09	67	148517	20.35	ng/ul	0.00
9) 2-Chlorophenol-d4	7.29	132	194168	20.32	ng/ul	0.00
13) 4-Methylphenol-d8	8.46	113	203769	20.53	ng/ul	0.00
19) Nitrobenzene-d5	8.91	128	95141	19.44	ng/ul	0.00
22) 2-Nitrophenol-d4	9.63	143	102005	19.68	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.16	165	231490	20.26	ng/ul	0.00
29) 4-Chloroaniline-d4	10.68	131	297051	21.74	ng/ul	0.00
43) Dimethylphthalate-d6	13.81	166	869484	20.13	ng/ul	0.00
46) Acenaphthylene-d8	14.09	160	1017027	19.93	ng/ul	0.00
51) 4-Nitrophenol-d4	14.60	143	136952	20.81	ng/ul	0.00
57) Fluorene-d10	15.40	176	758706	20.07	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.52	200	138416	18.78	ng/ul	0.00
70) Anthracene-d10	17.24	188	1232651	19.73	ng/ul	0.00
76) Pyrene-d10	19.54	212	1414492	18.46	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.45	264	1185863	19.71	ng/ul	0.00

Target Compounds

					Qvalue
2) 1,4-Dioxane	3.25	88	24176	7.83 ng/uL#	60
4) Benzaldehyde	6.90	77	169499	22.33 ng/ul	99
6) Phenol	6.95	94	243678	20.76 ng/ul	98
8) Bis(2-Chloroethyl)ether	7.18	93	189494	20.49 ng/ul	97
10) 2-Chlorophenol	7.32	128	198243	20.33 ng/ul	95
11) 2-Methylphenol	8.19	108	201345	20.84 ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.29	45	409649	21.28 ng/ul	97
14) Acetophenone	8.57	105	359793	20.60 ng/ul	97
15) N-Nitroso-di-n-propylamine	8.56	70	177356	20.69 ng/ul	93
16) 4-Methylphenol	8.52	108	217723	20.83 ng/ul	96
17) Hexachloroethane	8.83	117	95173	20.15 ng/ul	95
20) Nitrobenzene	8.95	77	287198	20.30 ng/ul	95
21) Isophorone	9.47	82	509500	20.27 ng/ul	98
23) 2-Nitrophenol	9.66	139	112810	19.77 ng/ul	93
24) 2,4-Dimethylphenol	9.72	107	298868	20.18 ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.96	93	272213	20.05 ng/ul	100
27) 2,4-Dichlorophenol	10.19	162	230797	20.16 ng/ul	98
28) Naphthalene	10.60	128	717661	19.68 ng/ul	99
30) 4-Chloroaniline	10.71	127	307838	21.76 ng/ul	100
31) Hexachlorobutadiene	10.88	225	182653	19.69 ng/ul	99
32) Caprolactam	11.46	113	60866m	19.71 ng/ul	
33) 4-Chloro-3-methylphenol	11.83	107	281938	20.47 ng/ul	100
34) 2-Methylnaphthalene	12.21	142	570583	20.12 ng/ul	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.59	216	332218	19.23	ng/ul	96
37) Hexachlorocyclopentadiene	12.56	237	199340	18.57	ng/ul	96
38) 2,4,6-Trichlorophenol	12.83	196	204057	19.36	ng/ul	93
39) 2,4,5-Trichlorophenol	12.90	196	227622	19.64	ng/ul	96
40) 1,1'-Biphenyl	13.23	154	813536	19.47	ng/ul	98
41) 2-Chloronaphthalene	13.27	162	637518	19.59	ng/ul	99
42) 2-Nitroaniline	13.48	65	203366	19.56	ng/ul	99
44) Dimethylphthalate	13.86	163	867948	19.94	ng/ul	98
45) 2,6-Dinitrotoluene	13.98	165	163456	20.52	ng/ul	98
47) Acenaphthylene	14.12	152	1054871	20.10	ng/ul	99
48) 3-Nitroaniline	14.31	138	158343	20.46	ng/ul	98
49) Acenaphthene	14.47	153	683492	20.12	ng/ul	98
50) 2,4-Dinitrophenol	14.52	184	77276	18.12	ng/ul	95
52) 4-Nitrophenol	14.62	109	219263	20.23	ng/ul	97
53) Dibenzofuran	14.80	168	1010321	19.94	ng/ul	97
54) 2,4-Dinitrotoluene	14.77	165	250671	20.55	ng/ul	99
55) 2,3,4,6-Tetrachlorophenol	15.03	232	211267	20.59	ng/ul	98
56) Diethylphthalate	15.23	149	947646	20.64	ng/ul	99
58) Fluorene	15.45	166	857543	20.29	ng/ul	100
59) 4-Chlorophenyl-phenylether	15.44	204	449980	20.16	ng/ul	99
60) 4-Nitroaniline	15.47	138	177641	21.51	ng/ul	97
63) 4,6-Dinitro-2-methylphenol	15.53	198	144780	19.31	ng/ul	98
64) N-Nitrosodiphenylamine	15.66	169	735995	19.54	ng/ul	98
65) 4-Bromophenyl-phenylether	16.34	248	274615	19.10	ng/ul	99
66) Hexachlorobenzene	16.46	284	320483	19.37	ng/ul	97
67) Atrazine	16.62	200	307721	20.18	ng/ul	100
68) Pentachlorophenol	16.80	266	169223	18.24	ng/ul	96
69) Phenanthrene	17.19	178	1437725	19.54	ng/ul	99
71) Anthracene	17.28	178	1470271	19.84	ng/ul	99
72) Carbazole	17.55	167	1289899	20.31	ng/ul	99
73) Di-n-butylphthalate	18.12	149	1555117	20.52	ng/ul	99
74) Fluoranthene	19.21	202	1756226	20.53	ng/ul	99
77) Pyrene	19.57	202	1845443	18.63	ng/ul	98
78) Butylbenzylphthalate	20.47	149	705162	19.88	ng/ul	98
79) 3,3'-Dichlorobenzidine	21.26	252	540995	20.38	ng/ul	99
80) Benzo(a)anthracene	21.32	228	1743106	19.95	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.25	149	993406	19.79	ng/ul	98
82) Chrysene	21.37	228	1608424	19.77	ng/ul	99
84) Di-n-octyl phthalate	22.13	149	1647988	19.49	ng/ul	100
85) Benzo(b)fluoranthene	22.91	252	1641902	20.29	ng/ul	98
86) Benzo(k)fluoranthene	22.96	252	1502768	19.00	ng/ul	99
88) Benzo(a)pyrene	23.50	252	1469928	19.95	ng/ul	100
89) Indeno(1,2,3-cd)pyrene	25.88	276	1464297	19.86	ng/ul	97
90) Dibenzo(a,h)anthracene	25.89	278	1229287	20.04	ng/ul	100
91) Benzo(g,h,i)perylene	26.58	276	1213304	19.86	ng/ul	98

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

