

Data Path : Z:\HPCHEM1\BNA_M\Data\BM012015\
 Data File : BM000260.D
 Acq On : 20 Jan 2015 10:35
 Operator : TP/IZ
 Sample : SSTD02038
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 LabSampled :
 SSTD02038

Manual Integrations
 APPROVED

apatel
 1/22/2015 5:09:41 PM

Quant Time: Jan 21 00:28:23 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM01.2-EPA-BM122914.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jan 21 00:20:03 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	126728	20.00	ng/ul	0.00
18) Naphthalene-d8	10.61	136	502689	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.46	164	335398	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.20	188	664280	20.00	ng/ul	0.00
75) Chrysene-d12	21.39	240	767246	20.00	ng/ul	0.00
83) Perylene-d12	23.69	264	727919	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.31	96	20345	9.31	ng/uL	0.00
5) Phenol-d5	6.98	99	199909	18.75	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.15	67	140442	20.84	ng/ul	0.00
9) 2-Chlorophenol-d4	7.35	132	145872	18.66	ng/ul	0.00
13) 4-Methylphenol-d8	8.52	113	147801	17.43	ng/ul	0.00
19) Nitrobenzene-d5	8.97	128	75763	21.79	ng/ul	0.00
22) 2-Nitrophenol-d4	9.70	143	74202	20.91	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.23	165	144914	18.48	ng/ul	0.00
29) 4-Chloroaniline-d4	10.74	131	185199	20.82	ng/ul	0.00
43) Dimethylphthalate-d6	13.86	166	448876	18.15	ng/ul	0.00
46) Acenaphthylene-d8	14.15	160	580569	19.59	ng/ul	0.00
51) 4-Nitrophenol-d4	14.65	143	66529	16.53	ng/ul	0.00
57) Fluorene-d10	15.45	176	400424	18.85	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.57	200	57291	18.20	ng/ul	0.00
70) Anthracene-d10	17.30	188	620962	20.22	ng/ul	0.00
76) Pyrene-d10	19.60	212	684383	19.34	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.54	264	675100	20.43	ng/ul	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.35	88	24995	8.25	ng/uL	90
4) Benzaldehyde	6.96	77	165327	22.26	ng/ul	96
6) Phenol	7.01	94	210515	18.72	ng/ul	89
8) Bis(2-Chloroethyl)ether	7.25	93	168321	19.29	ng/ul	92
10) 2-Chlorophenol	7.38	128	154699	18.91	ng/ul	95
11) 2-Methylphenol	8.26	108	156823	18.11	ng/ul	95
12) 2,2'-oxybis(1-Chloropropan	8.35	45	318222	22.19	ng/ul	97
14) Acetophenone	8.64	105	274752	18.44	ng/ul#	88
15) N-Nitroso-di-n-propylamine	8.62	70	143999	18.58	ng/ul#	86
16) 4-Methylphenol	8.58	108	170096	18.19	ng/ul	95
17) Hexachloroethane	8.90	117	80275	21.48	ng/ul	95
20) Nitrobenzene	9.02	77	241526	23.30	ng/ul	99
21) Isophorone	9.54	82	387428	19.39	ng/ul	99
23) 2-Nitrophenol	9.73	139	77055	19.66	ng/ul#	86
24) 2,4-Dimethylphenol	9.79	107	202450	19.03	ng/ul	98
25) Bis(2-Chloroethoxy)methane	10.02	93	217611	19.57	ng/ul	98
27) 2,4-Dichlorophenol	10.26	162	147404	18.84	ng/ul	99
28) Naphthalene	10.66	128	500265	19.52	ng/ul	98
30) 4-Chloroaniline	10.77	127	199574	21.80	ng/ul	96
31) Hexachlorobutadiene	10.94	225	110915	20.00	ng/ul	91
32) Caprolactam	11.52	113	41618m	16.44	ng/ul	
33) 4-Chloro-3-methylphenol	11.89	107	171868	17.90	ng/ul	97
34) 2-Methylnaphthalene	12.27	142	362357	19.06	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.64	216	193532	20.81	ng/ul#	96
37) Hexachlorocyclopentadiene	12.63	237	118781	20.53	ng/ul	96
38) 2,4,6-Trichlorophenol	12.89	196	107655m	18.15	ng/ul	
39) 2,4,5-Trichlorophenol	12.95	196	124211	19.28	ng/ul	95
40) 1,1'-Biphenyl	13.29	154	484864	20.06	ng/ul	100
41) 2-Chloronaphthalene	13.33	162	384394	20.75	ng/ul	97
42) 2-Nitroaniline	13.54	65	130844	20.72	ng/ul	97
44) Dimethylphthalate	13.92	163	462001	18.75	ng/ul	97
45) 2,6-Dinitrotoluene	14.03	165	86723	19.68	ng/ul#	82
47) Acenaphthylene	14.18	152	606242	19.40	ng/ul	99
48) 3-Nitroaniline	14.36	138	92664	19.81	ng/ul	99
49) Acenaphthene	14.52	153	390803	19.62	ng/ul	97
50) 2,4-Dinitrophenol	14.57	184	32891	15.30	ng/ul#	86
52) 4-Nitrophenol	14.66	109	97567	18.27	ng/ul	96
53) Dibenzofuran	14.86	168	559180	19.39	ng/ul	94
54) 2,4-Dinitrotoluene	14.82	165	127937	19.45	ng/ul	92
55) 2,3,4,6-Tetrachlorophenol	15.08	232	99559	17.92	ng/ul#	96
56) Diethylphthalate	15.28	149	478316	18.47	ng/ul	99
58) Fluorene	15.50	166	456666	19.08	ng/ul	97
59) 4-Chlorophenyl-phenylether	15.50	204	228221	19.33	ng/ul	95
60) 4-Nitroaniline	15.53	138	95614	18.25	ng/ul	92
63) 4,6-Dinitro-2-methylphenol	15.58	198	61691	19.02	ng/ul#	84
64) N-Nitrosodiphenylamine	15.72	169	383175	19.89	ng/ul	96
65) 4-Bromophenyl-phenylether	16.39	248	137662	20.33	ng/ul	89
66) Hexachlorobenzene	16.51	284	162756	20.85	ng/ul	96
67) Atrazine	16.66	200	136890	18.28	ng/ul	99
68) Pentachlorophenol	16.85	266	72470	15.42	ng/ul	95
69) Phenanthrene	17.24	178	747024	20.77	ng/ul	99
71) Anthracene	17.33	178	760323	20.57	ng/ul	99
72) Carbazole	17.60	167	664583	19.89	ng/ul	98
73) Di-n-butylphthalate	18.17	149	758950	19.10	ng/ul	98
74) Fluoranthene	19.26	202	857382	20.40	ng/ul#	97
77) Pyrene	19.63	202	920981	19.92	ng/ul	98
78) Butylbenzylphthalate	20.53	149	338237	18.00	ng/ul	93
79) 3,3'-Dichlorobenzidine	21.31	252	259086	19.15	ng/ul	99
80) Benzo(a)anthracene	21.38	228	888980	20.07	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.30	149	499803	18.27	ng/ul	99
82) Chrysene	21.43	228	839971	20.58	ng/ul	99
84) Di-n-octyl phthalate	22.19	149	882110	18.67	ng/ul	100
85) Benzo(b)fluoranthene	22.99	252	892338	19.21	ng/ul	99
86) Benzo(k)fluoranthene	23.04	252	860192	21.69	ng/ul	99
88) Benzo(a)pyrene	23.59	252	849767	20.83	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	26.01	276	955270	22.44	ng/ul	98
90) Dibenzo(a,h)anthracene	26.01	278	804489	22.44	ng/ul	98
91) Benzo(g,h,i)perylene	26.72	276	804391	23.00	ng/ul	98

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

