

Data Path : Z:\HPCHEM1\BNA_M\Data\BM011515\
 Data File : BM000198.D
 Acq On : 15 Jan 2015 10:19
 Operator : TP/IZ
 Sample : SSTD02031
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 LabSampleId :
 SSTD02031

Manual Integrations
 APPROVED

apatel
 1/26/2015 3:54:46 PM

Quant Time: Jan 16 02:32:30 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM01.2-EPA-BM122914.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jan 14 12:47:10 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	195915	20.00	ng/ul	-0.03
18) Naphthalene-d8	10.62	136	853421	20.00	ng/ul	-0.02
35) Acenaphthene-d10	14.47	164	592392	20.00	ng/ul	-0.01
61) Phenanthrene-d10	17.21	188	1205931	20.00	ng/ul	-0.02
75) Chrysene-d12	21.40	240	1057710	20.00	ng/ul	-0.01
83) Perylene-d12	23.69	264	874595	20.00	ng/ul	-0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.32	96	24671	7.30	ng/uL	-0.01
5) Phenol-d5	6.99	99	339878	20.62	ng/ul	-0.02
7) Bis-(2-Chloroethyl)ether-d	7.16	67	218467	20.97	ng/ul	-0.02
9) 2-Chlorophenol-d4	7.36	132	252552	20.90	ng/ul	-0.01
13) 4-Methylphenol-d8	8.53	113	272621	20.79	ng/ul	-0.01
19) Nitrobenzene-d5	8.99	128	123922	21.00	ng/ul	-0.02
22) 2-Nitrophenol-d4	9.70	143	132257	21.95	ng/ul	-0.02
26) 2,4-Dichlorophenol-d3	10.23	165	272880	20.50	ng/ul	-0.02
29) 4-Chloroaniline-d4	10.76	131	344926	22.84	ng/ul	-0.02
43) Dimethylphthalate-d6	13.87	166	888593	20.34	ng/ul	-0.01
46) Acenaphthylene-d8	14.16	160	1087851	20.78	ng/ul	-0.02
51) 4-Nitrophenol-d4	14.66	143	124245	17.47	ng/ul	0.00
57) Fluorene-d10	15.46	176	751122	20.02	ng/ul	-0.02
62) 4,6-Dinitro-2-methylphenol	15.57	200	119186	20.85	ng/ul	-0.02
70) Anthracene-d10	17.30	188	1135596	20.36	ng/ul	-0.01
76) Pyrene-d10	19.60	212	1178982	24.16	ng/ul	-0.01
87) Benzo(a)pyrene-d12	23.54	264	837446	21.10	ng/ul	-0.03

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.35	88	35094	7.49	ng/uL	89
4) Benzaldehyde	6.97	77	247885	21.59	ng/ul	98
6) Phenol	7.02	94	361171	20.78	ng/ul	90
8) Bis(2-Chloroethyl)ether	7.25	93	270755	20.07	ng/ul	91
10) 2-Chlorophenol	7.39	128	262233	20.73	ng/ul	97
11) 2-Methylphenol	8.26	108	277706	20.75	ng/ul	96
12) 2,2'-oxybis(1-Chloropropan	8.36	45	507745	22.90	ng/ul	98
14) Acetophenone	8.65	105	471811	20.48	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.63	70	256406	21.40	ng/ul	89
16) 4-Methylphenol	8.59	108	303697	21.01	ng/ul	97
17) Hexachloroethane	8.90	117	121501	21.03	ng/ul	90
20) Nitrobenzene	9.03	77	393581	22.37	ng/ul	99
21) Isophorone	9.55	82	688118	20.29	ng/ul	98
23) 2-Nitrophenol	9.74	139	144060	21.65	ng/ul#	91
24) 2,4-Dimethylphenol	9.79	107	378467	20.96	ng/ul	98
25) Bis(2-Chloroethoxy)methane	10.03	93	380674	20.16	ng/ul	99
27) 2,4-Dichlorophenol	10.26	162	271923	20.47	ng/ul	98
28) Naphthalene	10.67	128	879488	20.21	ng/ul	99
30) 4-Chloroaniline	10.78	127	361184	23.24	ng/ul	96
31) Hexachlorobutadiene	10.96	225	200536	21.29	ng/ul	97
32) Caprolactam	11.53	113	79568m	18.52	ng/ul	
33) 4-Chloro-3-methylphenol	11.90	107	338631	20.78	ng/ul	96
34) 2-Methylnaphthalene	12.28	142	662510	20.53	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.65	216	351202	21.38	ng/ul#	94
37) Hexachlorocyclopentadiene	12.63	237	224010	21.93	ng/ul	96
38) 2,4,6-Trichlorophenol	12.89	196	221477	21.14	ng/ul	95
39) 2,4,5-Trichlorophenol	12.96	196	236376	20.77	ng/ul	95
40) 1,1'-Biphenyl	13.30	154	891304	20.88	ng/ul	97
41) 2-Chloronaphthalene	13.34	162	696191	21.27	ng/ul	98
42) 2-Nitroaniline	13.54	65	243220	21.81	ng/ul	95
44) Dimethylphthalate	13.92	163	895628	20.58	ng/ul	100
45) 2,6-Dinitrotoluene	14.04	165	168873	21.70	ng/ul#	80
47) Acenaphthylene	14.19	152	1119068	20.28	ng/ul	99
48) 3-Nitroaniline	14.37	138	169095	20.46	ng/ul	99
49) Acenaphthene	14.53	153	723824	20.58	ng/ul	99
50) 2,4-Dinitrophenol	14.57	184	72335	19.05	ng/ul#	89
52) 4-Nitrophenol	14.67	109	182675	19.37	ng/ul	89
53) Dibenzofuran	14.86	168	1034250	20.30	ng/ul	96
54) 2,4-Dinitrotoluene	14.83	165	247125	21.28	ng/ul	98
55) 2,3,4,6-Tetrachlorophenol	15.09	232	203519	20.74	ng/ul	99
56) Diethylphthalate	15.29	149	954049	20.86	ng/ul	98
58) Fluorene	15.52	166	861498	20.38	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.50	204	434016	20.82	ng/ul	99
60) 4-Nitroaniline	15.53	138	168528	18.21	ng/ul	90
63) 4,6-Dinitro-2-methylphenol	15.59	198	124385	21.13	ng/ul#	92
64) N-Nitrosodiphenylamine	15.72	169	736816	21.07	ng/ul	99
65) 4-Bromophenyl-phenylether	16.40	248	259433	21.11	ng/ul	92
66) Hexachlorobenzene	16.52	284	299598	21.15	ng/ul	97
67) Atrazine	16.67	200	279063	20.52	ng/ul	98
68) Pentachlorophenol	16.86	266	156990	18.40	ng/ul	97
69) Phenanthrene	17.25	178	1345165	20.60	ng/ul	99
71) Anthracene	17.34	178	1364568	20.33	ng/ul	99
72) Carbazole	17.61	167	1186234	19.56	ng/ul	98
73) Di-n-butylphthalate	18.17	149	1504825	20.87	ng/ul#	98
74) Fluoranthene	19.27	202	1483036	19.44	ng/ul	100
77) Pyrene	19.63	202	1545616	24.25	ng/ul	99
78) Butylbenzylphthalate	20.53	149	584780	22.58	ng/ul	89
79) 3,3'-Dichlorobenzidine	21.32	252	392603	21.05	ng/ul	99
80) Benzo(a)anthracene	21.38	228	1277407	20.92	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.30	149	794674	21.08	ng/ul	99
82) Chrysene	21.43	228	1218081	21.65	ng/ul	99
84) Di-n-octyl phthalate	22.20	149	1238805	21.82	ng/ul	100
85) Benzo(b)fluoranthene	22.99	252	1139132	20.41	ng/ul	99
86) Benzo(k)fluoranthene	23.04	252	1083672	22.74	ng/ul	99
88) Benzo(a)pyrene	23.59	252	1036125	21.13	ng/ul	100
89) Indeno(1,2,3-cd)pyrene	26.01	276	1123686	21.97	ng/ul	98
90) Dibenzo(a,h)anthracene	26.02	278	949051	22.04	ng/ul#	97
91) Benzo(g,h,i)perylene	26.72	276	957812	22.79	ng/ul	99

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

