

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012915\
 Data File : BM000391.D
 Acq On : 29 Jan 2015 18:24
 Operator : TP/IZ
 Sample : SSTD02059
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 LabSampleId :
 SSTD02059

Manual Integrations
 APPROVED

apatel
 1/30/2015 5:52:57 PM

Quant Time: Jan 30 14:52:41 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM01.2-EPA-BM012915.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jan 30 14:42:54 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	181510	20.00	ng/ul	0.00
18) Naphthalene-d8	10.55	136	789199	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.40	164	602284	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.15	188	1312564	20.00	ng/ul	0.00
75) Chrysene-d12	21.34	240	1242525	20.00	ng/ul	0.00
83) Perylene-d12	23.60	264	926799	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.22	96	20962	8.56	ng/uL	0.00
5) Phenol-d5	6.92	99	257045	20.01	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.09	67	161776	19.94	ng/ul	0.00
9) 2-Chlorophenol-d4	7.29	132	208571	19.64	ng/ul	0.00
13) 4-Methylphenol-d8	8.46	113	220936	20.02	ng/ul	0.00
19) Nitrobenzene-d5	8.91	128	105745	19.98	ng/ul	0.00
22) 2-Nitrophenol-d4	9.63	143	110403	19.70	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.17	165	250215	20.25	ng/ul	0.00
29) 4-Chloroaniline-d4	10.68	131	314403	21.28	ng/ul	0.00
43) Dimethylphthalate-d6	13.81	166	893692	19.80	ng/ul	0.00
46) Acenaphthylene-d8	14.09	160	1057647	19.84	ng/ul	0.00
51) 4-Nitrophenol-d4	14.60	143	131492	19.12	ng/ul	0.00
57) Fluorene-d10	15.39	176	773366	19.57	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.52	200	138435	19.29	ng/ul	0.00
70) Anthracene-d10	17.25	188	1211263	19.91	ng/ul	0.00
76) Pyrene-d10	19.55	212	1300470	20.28	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.45	264	879808	19.93	ng/ul	0.00

Target Compounds

					Qvalue
2) 1,4-Dioxane	3.25	88	26827	7.82 ng/uL#	55
4) Benzaldehyde	6.90	77	185298	21.96 ng/ul	100
6) Phenol	6.95	94	262655	20.13 ng/ul	100
8) Bis(2-Chloroethyl)ether	7.18	93	207490	20.18 ng/ul	100
10) 2-Chlorophenol	7.32	128	218130	20.13 ng/ul	100
11) 2-Methylphenol	8.19	108	215545	20.08 ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.29	45	427007	19.95 ng/ul	100
14) Acetophenone	8.58	105	381560	19.65 ng/ul	100
15) N-Nitroso-di-n-propylamine	8.56	70	192341	20.18 ng/ul	100
16) 4-Methylphenol	8.52	108	236772	20.38 ng/ul	100
17) Hexachloroethane	8.83	117	103766	19.76 ng/ul	100
20) Nitrobenzene	8.95	77	310247	20.28 ng/ul	100
21) Isophorone	9.48	82	541326	19.92 ng/ul	100
23) 2-Nitrophenol	9.66	139	122843	19.91 ng/ul	100
24) 2,4-Dimethylphenol	9.72	107	319142	19.92 ng/ul	100
25) Bis(2-Chloroethoxy)methane	9.96	93	291935	19.88 ng/ul	100
27) 2,4-Dichlorophenol	10.19	162	243927	19.70 ng/ul	100
28) Naphthalene	10.60	128	780198	19.78 ng/ul	100
30) 4-Chloroaniline	10.70	127	323354	21.13 ng/ul	100
31) Hexachlorobutadiene	10.88	225	197612	19.69 ng/ul	100
32) Caprolactam	11.46	113	68307m	19.99 ng/ul	
33) 4-Chloro-3-methylphenol	11.83	107	303332	20.36 ng/ul	100
34) 2-Methylnaphthalene	12.21	142	613970	20.02 ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.59	216	360395	19.96	ng/ul	100
37) Hexachlorocyclopentadiene	12.56	237	221226	19.73	ng/ul	100
38) 2,4,6-Trichlorophenol	12.82	196	221220	20.08	ng/ul	100
39) 2,4,5-Trichlorophenol	12.89	196	245473	20.27	ng/ul	100
40) 1,1'-Biphenyl	13.23	154	864570	19.80	ng/ul	100
41) 2-Chloronaphthalene	13.27	162	667458	19.63	ng/ul	100
42) 2-Nitroaniline	13.48	65	207130	19.07	ng/ul	100
44) Dimethylphthalate	13.86	163	901264	19.81	ng/ul	100
45) 2,6-Dinitrotoluene	13.98	165	167152	20.08	ng/ul	100
47) Acenaphthylene	14.12	152	1079657	19.69	ng/ul	100
48) 3-Nitroaniline	14.31	138	163693	20.24	ng/ul	100
49) Acenaphthene	14.47	153	696491	19.62	ng/ul	100
50) 2,4-Dinitrophenol	14.52	184	80877	18.15	ng/ul	100
52) 4-Nitrophenol	14.62	109	216212	19.09	ng/ul	100
53) Dibenzofuran	14.80	168	1044386	19.73	ng/ul	100
54) 2,4-Dinitrotoluene	14.77	165	252347	19.80	ng/ul	100
55) 2,3,4,6-Tetrachlorophenol	15.03	232	211193	19.70	ng/ul	100
56) Diethylphthalate	15.23	149	949872	19.80	ng/ul	100
58) Fluorene	15.45	166	862342	19.52	ng/ul	100
59) 4-Chlorophenyl-phenylether	15.45	204	452927	19.41	ng/ul	100
60) 4-Nitroaniline	15.47	138	173391	20.09	ng/ul	100
63) 4,6-Dinitro-2-methylphenol	15.53	198	138617	18.99	ng/ul	100
64) N-Nitrosodiphenylamine	15.66	169	727255	19.83	ng/ul	100
65) 4-Bromophenyl-phenylether	16.34	248	280606	20.04	ng/ul	100
66) Hexachlorobenzene	16.46	284	315704	19.59	ng/ul	100
67) Atrazine	16.61	200	304671	20.52	ng/ul	100
68) Pentachlorophenol	16.80	266	172588	19.10	ng/ul	100
69) Phenanthrene	17.19	178	1421902	19.85	ng/ul	100
71) Anthracene	17.28	178	1434512	19.88	ng/ul	100
72) Carbazole	17.55	167	1237529	20.01	ng/ul	100
73) Di-n-butylphthalate	18.12	149	1474791	19.98	ng/ul	100
74) Fluoranthene	19.21	202	1648546	19.79	ng/ul	100
77) Pyrene	19.57	202	1701036	20.51	ng/ul	100
78) Butylbenzylphthalate	20.47	149	592005	19.93	ng/ul	100
79) 3,3'-Dichlorobenzidine	21.26	252	451776	20.33	ng/ul	100
80) Benzo(a)anthracene	21.32	228	1439349	19.67	ng/ul	100
81) Bis(2-ethylhexyl)phthalate	21.25	149	818937	19.48	ng/ul	100
82) Chrysene	21.37	228	1337725	19.64	ng/ul	100
84) Di-n-octyl phthalate	22.13	149	1235644	19.92	ng/ul	100
85) Benzo(b)fluoranthene	22.92	252	1203125	20.27	ng/ul	100
86) Benzo(k)fluoranthene	22.96	252	1142520	19.69	ng/ul	100
88) Benzo(a)pyrene	23.50	252	1077911	19.93	ng/ul	100
89) Indeno(1,2,3-cd)pyrene	25.88	276	1074651	19.86	ng/ul	100
90) Dibenzo(a,h)anthracene	25.89	278	890342	19.78	ng/ul	100
91) Benzo(g,h,i)perylene	26.58	276	902332	20.13	ng/ul	100

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

