

Data Path : Z:\HPCHEM1\BNA M\DATA\BM102016\
 Data File : BM007705.D
 Acq On : 20 Oct 2016 16:18
 Operator : UM/SJ
 Sample : SSTD16049
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD16049

Quant Time: Oct 20 16:51:51 2016
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM102016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Sep 29 01:59:03 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	187608	20.00	ng/ul	-0.02
18) Naphthalene-d8	10.54	136	717581	20.00	ng/ul	-0.02
35) Acenaphthene-d10	14.39	164	461090	20.00	ng/ul	-0.01
61) Phenanthrene-d10	17.14	188	898109	20.00	ng/ul	-0.01
75) Chrysene-d12	21.32	240	1099220	20.00	ng/ul	-0.01
83) Perylene-d12	23.57	264	1148875	20.00	ng/ul	-0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.29	96	270887	70.98	ng/uL	-0.01
5) Phenol-d5	6.94	99	2395106	143.82	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.10	67	1367972	152.79	ng/ul	-0.01
9) 2-Chlorophenol-d4	7.30	132	1899813	157.10	ng/ul	-0.01
13) 4-Methylphenol-d8	8.47	113	1872366	131.72	ng/ul	0.00
19) Nitrobenzene-d5	8.92	128	912232	177.82	ng/ul	0.00
22) 2-Nitrophenol-d4	9.63	143	1044331	179.18	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	10.17	165	1867188	160.79	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.68	131	1727656	141.70	ng/ul	-0.02
43) Dimethylphthalate-d6	13.81	166	5094835	151.91	ng/ul	0.00
46) Acenaphthylene-d8	14.09	160	6206720	159.48	ng/ul	-0.01
51) 4-Nitrophenol-d4	14.62	143	919059	155.24	ng/ul	0.00
57) Fluorene-d10	15.39	176	4366353	148.44	ng/ul	-0.01
62) 4,6-Dinitro-2-methylphenol	15.53	200	1009071	184.13	ng/ul	0.00
70) Anthracene-d10	17.24	188	6600670	159.94	ng/ul	-0.01
76) Pyrene-d10	19.53	212	7443925	170.65	ng/ul	-0.01
87) Benzo(a)pyrene-d12	23.44	264	8211881	161.54	ng/ul	0.00

Target Compounds

						Ovalue
2) 1,4-Dioxane	3.32	88	286705	71.64	ng/uL	94
4) Benzaldehyde	6.91	77	893837	80.03	ng/ul	98
6) Phenol	6.97	94	2419035	143.16	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.19	93	1838928	151.96	ng/ul	99
10) 2-Chlorophenol	7.33	128	1901154	156.77	ng/ul	99
11) 2-Methylphenol	8.20	108	1795727	137.88	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.29	45	1966945	149.43	ng/ul	96
14) Acetophenone	8.59	105	2840911	131.25	ng/ul	95
15) N-Nitroso-di-n-propylamine	8.59	70	1421315	129.32	ng/ul	92
16) 4-Methylphenol	8.55	108	1913199	131.27	ng/ul	99
17) Hexachloroethane	8.82	117	833653	168.03	ng/ul	98
20) Nitrobenzene	8.96	77	2226322	169.34	ng/ul	99
21) Isophorone	9.49	82	3917010	155.74	ng/ul	99
23) 2-Nitrophenol	9.67	139	1046133	172.49	ng/ul	97
24) 2,4-Dimethylphenol	9.73	107	2184557	155.72	ng/ul	100
25) Bis(2-Chloroethoxy)methane	9.96	93	2298464	160.17	ng/ul	98
27) 2,4-Dichlorophenol	10.20	162	1809471	158.12	ng/ul	99
28) Naphthalene	10.59	128	5592074	161.31	ng/ul	99
30) 4-Chloroaniline	10.71	127	1736287	136.06	ng/ul	97
31) Hexachlorobutadiene	10.87	225	1421894	170.10	ng/ul	96
32) Caprolactam	11.53	113	298573	71.29	ng/ul	94
33) 4-Chloro-3-methylphenol	11.85	107	1947957	139.84	ng/ul	94
34) 2-Methylnaphthalene	12.20	142	4003191	147.16	ng/ul	99

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36) 1,2,4,5-Tetrachlorobenzene	12.57	216	2382076	175.22	ng/ul	98
37) Hexachlorocyclopentadiene	12.55	237	1650504	226.06	ng/ul	99
38) 2,4,6-Trichlorophenol	12.82	196	1477873	170.37	ng/ul	98
39) 2,4,5-Trichlorophenol	12.90	196	1587928	167.29	ng/ul	98
40) 1,1'-Biphenyl	13.22	154	5102227	166.62	ng/ul	97
41) 2-Chloronaphthalene	13.26	162	3943357	165.53	ng/ul	97
42) 2-Nitroaniline	13.48	65	1245836	170.19	ng/ul	99
44) Dimethylphthalate	13.86	163	4883822	150.13	ng/ul	99
45) 2,6-Dinitrotoluene	13.99	165	1080945	167.52	ng/ul	100
47) Acenaphthylene	14.12	152	6115531	158.26	ng/ul	99
48) 3-Nitroaniline	14.32	138	892484	136.09	ng/ul	99
49) Acenaphthene	14.46	153	4153187	156.32	ng/ul	100
50) 2,4-Dinitrophenol	14.53	184	743702	172.55	ng/ul	91
52) 4-Nitrophenol	14.64	109	864046	140.20	ng/ul	94
53) Dibenzofuran	14.79	168	5861352	149.54	ng/ul	96
54) 2,4-Dinitrotoluene	14.77	165	1509738	151.69	ng/ul	97
55) 2,3,4,6-Tetrachlorophenol	15.02	232	1441187	153.44	ng/ul	96
56) Diethylphthalate	15.22	149	4887537	147.25	ng/ul	99
58) Fluorene	15.44	166	4688402	144.92	ng/ul	98
59) 4-Chlorophenyl-phenylether	15.43	204	2525909	148.36	ng/ul	97
60) 4-Nitroaniline	15.49	138	993427	137.73	ng/ul	99
63) 4,6-Dinitro-2-methylphenol	15.54	198	1023299	181.87	ng/ul#	96
64) N-Nitrosodiphenylamine	15.66	169	4155606	171.25	ng/ul	98
65) 4-Bromophenyl-phenylether	16.33	248	1707391	174.45	ng/ul	97
66) Hexachlorobenzene	16.44	284	1864912	169.11	ng/ul	96
67) Atrazine	16.62	200	1660886	164.42	ng/ul	98
68) Pentachlorophenol	16.79	266	1197799	173.48	ng/ul	98
69) Phenanthrene	17.18	178	7460739	156.86	ng/ul	98
71) Anthracene	17.27	178	7579071	157.01	ng/ul	98
72) Carbazole	17.54	167	6784602	158.12	ng/ul	98
73) Di-n-butylphthalate	18.10	149	8009992	165.04	ng/ul	100
74) Fluoranthene	19.20	202	8782498	146.43	ng/ul	98
77) Pyrene	19.56	202	8873380	164.53	ng/ul	98
78) Butylbenzylphthalate	20.46	149	3826130	184.84	ng/ul	98
79) 3,3'-Dichlorobenzidine	21.24	252	2821660	139.72	ng/ul	100
80) Benzo(a)anthracene	21.31	228	9278610	154.48	ng/ul	97
81) Bis(2-ethylhexyl)phthalate	21.23	149	5457203	182.84	ng/ul	99
82) Chrysene	21.36	228	8613998	150.13	ng/ul	95
84) Di-n-octyl phthalate	22.11	149	9473127	170.71	ng/ul	99
85) Benzo(b)fluoranthene	22.91	252	10179273	157.92	ng/ul	99
86) Benzo(k)fluoranthene	22.95	252	9353767	150.86	ng/ul	98
88) Benzo(a)pyrene	23.49	252	9754893	157.70	ng/ul	100
89) Indeno(1,2,3-cd)pyrene	25.88	276	11928976	174.58	ng/ul	97
90) Dibenzo(a,h)anthracene	25.89	278	9888068	175.73	ng/ul	100
91) Benzo(g,h,i)perylene	26.57	276	10164809	177.35	ng/ul	98

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

