

Data Path : Z:\HPCHEM1\BNA M\DATA\BM010116\
 Data File : BM003904.D
 Acq On : 31 Dec 2015 06:14
 Operator : SJ/UM
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD02045

Quant Time: Dec 31 07:19:04 2015
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM010116.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Dec 31 04:08:11 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	43818	20.00	ng/ul	0.00
18) Naphthalene-d8	10.46	136	195757	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.33	164	110037	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.07	188	227870	20.00	ng/ul	0.00
78) Chrysene-d12	21.28	240	206275	20.00	ng/ul	0.00
86) Perylene-d12	23.51	264	191313	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.13	96	7738	7.90	ng/uL	0.00
5) Phenol-d5	6.85	99	77738	21.37	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	45121	21.94	ng/ul	0.00
9) 2-Chlorophenol-d4	7.20	132	64561	21.59	ng/ul	0.00
13) 4-Methylphenol-d8	8.39	113	63494	21.54	ng/ul	0.00
19) Nitrobenzene-d5	8.83	128	30681	20.81	ng/ul	0.00
22) 2-Nitrophenol-d4	9.55	143	33125	20.49	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.09	165	60933	21.22	ng/ul	0.00
29) 4-Chloroaniline-d4	10.60	131	84495	22.29	ng/ul	0.00
44) Dimethylphthalate-d6	13.73	166	179844	20.82	ng/ul	0.00
47) Acenaphthylene-d8	14.02	160	224962	21.38	ng/ul	0.00
52) 4-Nitrophenol-d4	14.54	143	29417	18.96	ng/ul	0.00
58) Fluorene-d10	15.32	176	154230	21.05	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.45	200	24114	18.77	ng/ul	0.00
71) Anthracene-d10	17.17	188	222788	21.14	ng/ul	0.00
79) Pyrene-d10	19.48	212	221717	20.75	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.37	264	203307	21.28	ng/ul	0.00

Target Compounds

						Ovalue
2) 1,4-Dioxane	3.17	88	9242	8.13	ng/uL	96
4) Benzaldehyde	6.82	77	47558	22.30	ng/ul	99
6) Phenol	6.87	94	84118	21.92	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.10	93	63743	22.07	ng/ul	97
10) 2-Chlorophenol	7.24	128	67974	21.75	ng/ul	99
11) 2-Methylphenol	8.12	108	62907	21.44	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.21	45	70786	22.31	ng/ul	96
14) Acetophenone	8.49	105	103898	22.63	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.47	70	51064	22.16	ng/ul	96
16) 4-Methylphenol	8.45	108	70243	22.08	ng/ul	97
17) Hexachloroethane	8.74	117	25888	21.46	ng/ul	96
20) Nitrobenzene	8.87	77	73997	21.29	ng/ul	97
21) Isophorone	9.39	82	136275	21.11	ng/ul	98
23) 2-Nitrophenol	9.58	139	37620	20.98	ng/ul	96
24) 2,4-Dimethylphenol	9.65	107	77657	21.60	ng/ul	100
25) Bis(2-Chloroethoxy)methane	9.87	93	85755	21.50	ng/ul	99
27) 2,4-Dichlorophenol	10.12	162	63790	21.54	ng/ul	99
28) Naphthalene	10.51	128	219366	21.51	ng/ul	99
30) 4-Chloroaniline	10.62	127	86978	22.66	ng/ul	98
31) Hexachlorobutadiene	10.79	225	38890	21.33	ng/ul	99
32) Caprolactam	11.37	113	17995	18.99	ng/ul	97
33) 4-Chloro-3-methylphenol	11.76	107	69860	21.09	ng/ul	99
34) 2-Methylnaphthalene	12.13	142	156170	21.65	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.35	142	147924	21.61	ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	12.50	216	75244	21.38	ng/ul	98
38) Hexachlorocyclopentadiene	12.48	237	34656	18.79	ng/ul	100
39) 2,4,6-Trichlorophenol	12.75	196	47121	20.77	ng/ul	100
40) 2,4,5-Trichlorophenol	12.83	196	51236	20.84	ng/ul	100
41) 1,1'-Biphenyl	13.15	154	200508	21.63	ng/ul	99
42) 2-Chloronaphthalene	13.19	162	149880	21.56	ng/ul	99
43) 2-Nitroaniline	13.41	65	38924	20.13	ng/ul	97
45) Dimethylphthalate	13.79	163	184682	20.97	ng/ul	100
46) 2,6-Dinitrotoluene	13.91	165	36126	20.81	ng/ul	96
48) Acenaphthylene	14.04	152	248781	21.58	ng/ul	99
49) 3-Nitroaniline	14.24	138	39692	21.10	ng/ul	98
50) Acenaphthene	14.39	153	164472	21.57	ng/ul	99
51) 2,4-Dinitrophenol	14.45	184	13349	15.85	ng/ul	94
53) 4-Nitrophenol	14.56	109	23931	19.52	ng/ul	94
54) Dibenzofuran	14.73	168	230260	21.57	ng/ul	97
55) 2,4-Dinitrotoluene	14.70	165	52117	20.67	ng/ul	97
56) 2,3,4,6-Tetrachlorophenol	14.96	232	39758	20.19	ng/ul	97
57) Diethylphthalate	15.15	149	181031	20.28	ng/ul	100
59) Fluorene	15.37	166	182058	21.50	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.37	204	87261	21.37	ng/ul	96
61) 4-Nitroaniline	15.40	138	40498	20.56	ng/ul	98
64) 4,6-Dinitro-2-methylphenol	15.47	198	26882	19.60	ng/ul	97
65) N-Nitrosodiphenylamine	15.59	169	155338	21.70	ng/ul	99
66) 4-Bromophenyl-phenylether	16.27	248	50033	21.17	ng/ul	96
67) Hexachlorobenzene	16.39	284	54827	21.23	ng/ul	96
68) Atrazine	16.54	200	50009	20.16	ng/ul	97
69) Pentachlorophenol	16.73	266	21979	17.49	ng/ul	98
70) Phenanthrene	17.12	178	273004	21.31	ng/ul	99
72) Anthracene	17.21	178	282237	21.47	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.12	216	80147	21.92	ng/uL	99
74) Pentachlorobenzene	14.65	250	71084	21.91	ng/uL	99
75) Carbazole	17.48	167	247315	21.40	ng/ul	99
76) Di-n-butylphthalate	18.04	149	270638	19.17	ng/ul	100
77) Fluoranthene	19.14	202	284494	21.37	ng/ul	98
80) Pvrene	19.51	202	294528	21.03	ng/ul	100
81) Butylbenzylphthalate	20.41	149	102947	18.21	ng/ul	93
82) 3,3'-Dichlorobenzidine	21.20	252	79147	22.14	ng/ul	99
83) Benzo(a)anthracene	21.26	228	260152	21.18	ng/ul	100
84) Bis(2-ethylhexyl)phthalate	21.19	149	141752	18.95	ng/ul	100
85) Chrysene	21.32	228	249166	21.35	ng/ul	100
87) Di-n-octyl phthalate	22.07	149	240439	18.85	ng/ul	99
88) Benzo(b)fluoranthene	22.84	252	237075	20.38	ng/ul	100
89) Benzo(k)fluoranthene	22.89	252	241880	21.86	ng/ul	99
91) Benzo(a)pyrene	23.41	252	235633	21.36	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.76	276	270023	22.13	ng/ul	99
93) Dibenzo(a,h)anthracene	25.77	278	229618	22.40	ng/ul	99
94) Benzo(a,h,i)perylene	26.45	276	228587	22.31	ng/ul	98

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

