

Data Path : Z:\HPCHEM1\BNA M\Data\BM120315\
 Data File : BM003368.D
 Acq On : 03 Dec 2015 10:02
 Operator : UM/IZ
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD02035

Quant Time: Dec 03 23:58:32 2015
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM120115.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Dec 02 01:07:29 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	76942	20.00	ng/ul	0.00
18) Naphthalene-d8	10.52	136	356012	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.37	164	213636	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.12	188	470901	20.00	ng/ul	0.00
78) Chrysene-d12	21.32	240	417297	20.00	ng/ul	0.00
86) Perylene-d12	23.58	264	361939	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.19	96	12768	8.25	ng/uL	0.00
5) Phenol-d5	6.89	99	126957	20.67	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.06	67	71727	21.17	ng/ul	0.00
9) 2-Chlorophenol-d4	7.26	132	105398	20.75	ng/ul	0.00
13) 4-Methylphenol-d8	8.43	113	106852	20.74	ng/ul	0.00
19) Nitrobenzene-d5	8.88	128	50305	20.72	ng/ul	0.00
22) 2-Nitrophenol-d4	9.60	143	52622	20.73	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.13	165	106791	21.21	ng/ul	0.00
29) 4-Chloroaniline-d4	10.65	131	116590	20.47	ng/ul	0.00
44) Dimethylphthalate-d6	13.79	166	341515	21.26	ng/ul	0.00
47) Acenaphthylene-d8	14.07	160	415500	21.05	ng/ul	0.00
52) 4-Nitrophenol-d4	14.57	143	57402	19.94	ng/ul	0.00
58) Fluorene-d10	15.37	176	293640	21.25	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.49	200	45361	18.83	ng/ul	0.00
71) Anthracene-d10	17.22	188	437486	20.91	ng/ul	0.00
79) Pyrene-d10	19.53	212	444705	21.77	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.44	264	358424	20.53	ng/ul	0.00

Target Compounds

						Ovalue
2) 1,4-Dioxane	3.22	88	15663	8.49	ng/uL	99
4) Benzaldehyde	6.86	77	74270	19.66	ng/ul	100
6) Phenol	6.92	94	136332	21.02	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.15	93	106065	21.21	ng/ul	100
10) 2-Chlorophenol	7.29	128	111975	20.81	ng/ul	99
11) 2-Methylphenol	8.16	108	104013	20.60	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.26	45	106001	21.23	ng/ul	98
14) Acetophenone	8.55	105	172710	21.86	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.53	70	81279	21.81	ng/ul	99
16) 4-Methylphenol	8.49	108	118695	21.23	ng/ul	99
17) Hexachloroethane	8.80	117	41114	20.79	ng/ul	98
20) Nitrobenzene	8.92	77	118630	21.14	ng/ul	99
21) Isophorone	9.44	82	223907	21.37	ng/ul	99
23) 2-Nitrophenol	9.63	139	61442	21.05	ng/ul	96
24) 2,4-Dimethylphenol	9.69	107	131606	21.50	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.93	93	149436	21.33	ng/ul	99
27) 2,4-Dichlorophenol	10.16	162	112784	21.27	ng/ul	98
28) Naphthalene	10.56	128	376196	20.93	ng/ul	99
30) 4-Chloroaniline	10.67	127	121983	20.85	ng/ul	100
31) Hexachlorobutadiene	10.85	225	66520	20.75	ng/ul	99
32) Caprolactam	11.42	113	31873	20.60	ng/ul	96
33) 4-Chloro-3-methylphenol	11.80	107	123146	22.08	ng/ul	99
34) 2-Methylnaphthalene	12.18	142	280752	21.39	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.40	142	265438	21.39	ng/ul	100
37) 1,2,4,5-Tetrachlorobenzene	12.56	216	137831	20.51	ng/ul	99
38) Hexachlorocyclopentadiene	12.54	237	70967	18.37	ng/ul	100
39) 2,4,6-Trichlorophenol	12.80	196	86516	20.66	ng/ul	99
40) 2,4,5-Trichlorophenol	12.87	196	97751	21.07	ng/ul	99
41) 1,1'-Biphenyl	13.20	154	368454	20.69	ng/ul	100
42) 2-Chloronaphthalene	13.24	162	274187	20.63	ng/ul	99
43) 2-Nitroaniline	13.45	65	63939	21.57	ng/ul	98
45) Dimethylphthalate	13.83	163	353204	21.37	ng/ul	99
46) 2,6-Dinitrotoluene	13.96	165	66238	21.85	ng/ul	99
48) Acenaphthylene	14.10	152	456652	21.17	ng/ul	100
49) 3-Nitroaniline	14.28	138	63542	19.92	ng/ul	99
50) Acenaphthene	14.44	153	302927	21.03	ng/ul	99
51) 2,4-Dinitrophenol	14.49	184	27082	17.18	ng/ul	98
53) 4-Nitrophenol	14.59	109	46085	20.44	ng/ul	96
54) Dibenzofuran	14.77	168	428937	21.02	ng/ul	99
55) 2,4-Dinitrotoluene	14.74	165	99282	22.52	ng/ul	100
56) 2,3,4,6-Tetrachlorophenol	15.00	232	78004	21.55	ng/ul	98
57) Diethylphthalate	15.20	149	352784	22.04	ng/ul	99
59) Fluorene	15.43	166	340357	21.52	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.42	204	164359	21.28	ng/ul	99
61) 4-Nitroaniline	15.44	138	72497	20.29	ng/ul	99
64) 4,6-Dinitro-2-methylphenol	15.50	198	50452	19.27	ng/ul	99
65) N-Nitrosodiphenylamine	15.63	169	297220	20.69	ng/ul	99
66) 4-Bromophenyl-phenylether	16.32	248	96219	20.30	ng/ul	96
67) Hexachlorobenzene	16.43	284	107455	20.43	ng/ul	99
68) Atrazine	16.59	200	97445	20.41	ng/ul	98
69) Pentachlorophenol	16.77	266	52808	18.50	ng/ul	100
70) Phenanthrene	17.17	178	539181	20.80	ng/ul	99
72) Anthracene	17.26	178	545485	20.88	ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	13.17	216	147753	19.46	ng/uL	99
74) Pentachlorobenzene	14.70	250	133991	19.92	ng/uL	99
75) Carbazole	17.53	167	484219	21.44	ng/ul	100
76) Di-n-butylphthalate	18.09	149	534830	21.99	ng/ul	100
77) Fluoranthene	19.19	202	564054	21.54	ng/ul	100
80) Pvrene	19.55	202	590631	21.87	ng/ul	100
81) Butylbenzylphthalate	20.46	149	191999	21.79	ng/ul	96
82) 3,3'-Dichlorobenzidine	21.24	252	125256	18.41	ng/ul	99
83) Benzo(a)anthracene	21.31	228	502411	21.06	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.24	149	267944	21.89	ng/ul	99
85) Chrysene	21.36	228	476656	20.74	ng/ul	100
87) Di-n-octyl phthalate	22.12	149	435015	20.27	ng/ul	100
88) Benzo(b)fluoranthene	22.90	252	458915	21.70	ng/ul	100
89) Benzo(k)fluoranthene	22.94	252	419192	20.20	ng/ul	100
91) Benzo(a)pyrene	23.48	252	425522	20.73	ng/ul	100
92) Indeno(1,2,3-cd)pyrene	25.86	276	459936	20.00	ng/ul	100
93) Dibenzo(a,h)anthracene	25.87	278	392097	20.15	ng/ul	99
94) Benzo(a,h,i)perylene	26.56	276	387484	20.01	ng/ul	99

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

