

Data Path : Z:\HPCHEM1\BNA_M\Data\BM042016\
 Data File : BM005008.D
 Acq On : 21 Apr 2016 02:21
 Operator : UM/SJ
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD02063

Quant Time: Apr 21 10:21:53 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM041416.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Apr 15 22:59:24 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	57054	20.00	ng/ul	0.00
18) Naphthalene-d8	10.60	136	248799	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.45	164	143924	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.19	188	318626	20.00	ng/ul	0.00
75) Chrysene-d12	21.37	240	352240	20.00	ng/ul	0.00
83) Perylene-d12	23.66	264	351461	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.30	96	9188	8.62	ng/uL	0.00
5) Phenol-d5	6.97	99	84580	20.77	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.14	67	50067	21.44	ng/ul	0.00
9) 2-Chlorophenol-d4	7.34	132	68506	20.13	ng/ul	0.00
13) 4-Methylphenol-d8	8.51	113	67880	20.17	ng/ul	0.00
19) Nitrobenzene-d5	8.96	128	32084	19.47	ng/ul	0.00
22) 2-Nitrophenol-d4	9.69	143	35947	19.38	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.22	165	67238	19.96	ng/ul	0.00
29) 4-Chloroaniline-d4	10.73	131	87431	23.04	ng/ul	0.00
43) Dimethylphthalate-d6	13.85	166	195942	20.01	ng/ul	0.00
46) Acenaphthylene-d8	14.13	160	247341	20.60	ng/ul	0.00
51) 4-Nitrophenol-d4	14.65	143	32521	19.47	ng/ul	0.00
57) Fluorene-d10	15.44	176	174187	20.60	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.56	200	29866	21.67	ng/ul	0.00
70) Anthracene-d10	17.29	188	259276	20.48	ng/ul	0.00
76) Pyrene-d10	19.58	212	282014	19.21	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.52	264	276920	20.46	ng/ul	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.34	88	16664	8.57	ng/uL	98
4) Benzaldehyde	6.95	77	54832	23.55	ng/ul	98
6) Phenol	7.00	94	89356	21.20	ng/ul	98
8) Bis(2-Chloroethyl)ether	7.23	93	69977	21.24	ng/ul	99
10) 2-Chlorophenol	7.37	128	71325	20.39	ng/ul	99
11) 2-Methylphenol	8.25	108	67367	20.34	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.34	45	87855	21.48	ng/ul	99
14) Acetophenone	8.63	105	108779	21.60	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.61	70	52830	19.89	ng/ul	98
16) 4-Methylphenol	8.57	108	74550	20.79	ng/ul	99
17) Hexachloroethane	8.88	117	27962	20.39	ng/ul	97
20) Nitrobenzene	9.00	77	79213	20.58	ng/ul	100
21) Isophorone	9.52	82	143112	19.60	ng/ul	98
23) 2-Nitrophenol	9.72	139	39187	19.95	ng/ul	96
24) 2,4-Dimethylphenol	9.77	107	81950	20.73	ng/ul	98
25) Bis(2-Chloroethoxy)methane	10.01	93	90762	19.79	ng/ul	99
27) 2,4-Dichlorophenol	10.25	162	68573	20.20	ng/ul	99
28) Naphthalene	10.65	128	228545	20.62	ng/ul	100
30) 4-Chloroaniline	10.76	127	90070	23.48	ng/ul	99
31) Hexachlorobutadiene	10.93	225	44857	20.49	ng/ul	99
32) Caprolactam	11.51	113	18594	17.81	ng/ul	93
33) 4-Chloro-3-methylphenol	11.88	107	72337	19.33	ng/ul	99
34) 2-Methylnaphthalene	12.26	142	163474	20.24	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.63	216	84924	20.66	ng/ul	98
37) Hexachlorocyclopentadiene	12.60	237	49285	22.40	ng/ul	97
38) 2,4,6-Trichlorophenol	12.87	196	53296	19.71	ng/ul	99
39) 2,4,5-Trichlorophenol	12.94	196	58743	20.13	ng/ul	100
40) 1,1'-Biphenyl	13.27	154	213012	20.63	ng/ul	99
41) 2-Chloronaphthalene	13.32	162	163095	20.76	ng/ul	100
42) 2-Nitroaniline	13.53	65	41920	18.97	ng/ul	98
44) Dimethylphthalate	13.90	163	197140	20.23	ng/ul	100
45) 2,6-Dinitrotoluene	14.02	165	38000	19.58	ng/ul	94
47) Acenaphthylene	14.17	152	264365	20.74	ng/ul	100
48) 3-Nitroaniline	14.35	138	41520	21.17	ng/ul	99
49) Acenaphthene	14.51	153	172021	20.73	ng/ul	100
50) 2,4-Dinitrophenol	14.56	184	17274	20.11	ng/ul	98
52) 4-Nitrophenol	14.66	109	27622	19.59	ng/ul	96
53) Dibenzofuran	14.84	168	247373	20.59	ng/ul	100
54) 2,4-Dinitrotoluene	14.81	165	56090	20.31	ng/ul	97
55) 2,3,4,6-Tetrachlorophenol	15.07	232	48126	20.05	ng/ul	99
56) Diethylphthalate	15.26	149	190718	19.99	ng/ul	99
58) Fluorene	15.49	166	192364	20.82	ng/ul	100
59) 4-Chlorophenyl-phenylether	15.49	204	95162	20.55	ng/ul	98
60) 4-Nitroaniline	15.52	138	41921	20.58	ng/ul	98
63) 4,6-Dinitro-2-methylphenol	15.57	198	31849	22.14	ng/ul#	96
64) N-Nitrosodiphenylamine	15.70	169	166618	20.26	ng/ul	99
65) 4-Bromophenyl-phenylether	16.38	248	57775	19.72	ng/ul	99
66) Hexachlorobenzene	16.50	284	65998	20.11	ng/ul	96
67) Atrazine	16.65	200	57026	20.48	ng/ul	97
68) Pentachlorophenol	16.84	266	34199	18.96	ng/ul	98
69) Phenanthrene	17.23	178	305540	20.55	ng/ul	99
71) Anthracene	17.32	178	312577	20.78	ng/ul	99
72) Carbazole	17.59	167	280973	22.19	ng/ul	100
73) Di-n-butylphthalate	18.15	149	297770	19.53	ng/ul	100
74) Fluoranthene	19.24	202	346541	22.62	ng/ul	99
77) Pyrene	19.61	202	361475	19.41	ng/ul	99
78) Butylbenzylphthalate	20.51	149	129981	18.05	ng/ul	98
79) 3,3'-Dichlorobenzidine	21.29	252	118275	22.90	ng/ul	98
80) Benzo(a)anthracene	21.36	228	352821	20.33	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.28	149	186594	18.94	ng/ul	100
82) Chrysene	21.41	228	339133	20.63	ng/ul	99
84) Di-n-octyl phthalate	22.17	149	326097	19.33	ng/ul	98
85) Benzo(b)fluoranthene	22.97	252	356166	20.43	ng/ul	99
86) Benzo(k)fluoranthene	23.02	252	346539	20.61	ng/ul	99
88) Benzo(a)pyrene	23.56	252	342847	20.53	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	25.97	276	384127	20.68	ng/ul	100
90) Dibenzo(a,h)anthracene	25.98	278	321527	20.66	ng/ul	99
91) Benzo(g,h,i)perylene	26.68	276	321936	20.58	ng/ul	99

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

