

Data Path : Z:\HPCHEM1\BNA_M\Data\BM032017\
 Data File : BM009288.D
 Acq On : 20 Mar 2017 10:43
 Operator : SJ/MA
 Sample : SSTDC0020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD02048

Quant Time: Mar 20 12:55:38 2017
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM031317MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Mar 13 18:31:21 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.87	152	65318	20.00	ng/ul	0.00
18) Naphthalene-d8	10.67	136	321066	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.52	164	233871	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.26	188	657854	20.00	ng/ul	0.00
77) Chrysene-d12	21.43	240	1124476	20.00	ng/ul	0.00
85) Perylene-d12	23.77	264	1279239	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.34	96	12582	8.48	ng/uL	0.00
5) Phenol-d5	7.03	99	136914	19.38	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.20	67	90612	19.69	ng/ul	0.00
9) 2-Chlorophenol-d4	7.40	132	85796	19.87	ng/ul	0.00
13) 4-Methylphenol-d8	8.57	113	105191	18.66	ng/ul	0.00
19) Nitrobenzene-d5	9.04	128	47411	20.68	ng/ul	0.00
22) 2-Nitrophenol-d4	9.76	143	47409	18.63	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.29	165	104548	19.23	ng/ul	0.00
29) 4-Chloroaniline-d4	10.82	131	137358	21.19	ng/ul	0.00
43) Dimethylphthalate-d6	13.92	166	393203	22.14	ng/ul	0.00
46) Acenaphthylene-d8	14.21	160	469807	23.00	ng/ul	0.00
51) 4-Nitrophenol-d4	14.70	143	80997	22.97	ng/ul	0.00
57) Fluorene-d10	15.51	176	374018	23.60	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.63	200	75558	19.20	ng/ul	0.00
70) Anthracene-d10	17.36	188	646971	20.78	ng/ul	0.00
78) Pyrene-d10	19.65	212	848343	18.69	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.62	264	1218818	20.83	ng/ul	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.38	88	14855	9.44	ng/uL#	63
4) Benzaldehyde	7.02	77	101443	21.42	ng/ul#	81
6) Phenol	7.06	94	142229	18.85	ng/ul#	78
8) Bis(2-Chloroethyl)ether	7.30	93	104270	19.29	ng/ul#	84
10) 2-Chlorophenol	7.43	128	90171	20.25	ng/ul#	79
11) 2-Methylphenol	8.30	108	103312	18.90	ng/ul	94
12) 2,2'-oxybis(1-Chloropropan	8.40	45	172830	19.19	ng/ul#	84
14) Acetophenone	8.70	105	177020	18.69	ng/ul#	74
15) N-Nitroso-di-n-propylamine	8.67	70	111573	19.22	ng/ul#	83
16) 4-Methylphenol	8.63	108	116568	18.81	ng/ul	94
17) Hexachloroethane	8.95	117	39265	20.14	ng/ul	97
20) Nitrobenzene	9.08	77	152900	20.00	ng/ul#	82
21) Isophorone	9.60	82	286143	18.92	ng/ul	95
23) 2-Nitrophenol	9.79	139	56498	20.39	ng/ul#	70
24) 2,4-Dimethylphenol	9.84	107	141565	19.91	ng/ul	92
25) Bis(2-Chloroethoxy)methane	10.08	93	159877	19.28	ng/ul	97
27) 2,4-Dichlorophenol	10.32	162	110300	20.50	ng/ul	95
28) Naphthalene	10.72	128	331109	20.11	ng/ul	97
30) 4-Chloroaniline	10.83	127	143856	20.94	ng/ul	98
31) Hexachlorobutadiene	10.99	225	73179	19.73	ng/ul	94
32) Caprolactam	11.60	113	43883	19.52	ng/ul#	42
33) 4-Chloro-3-methylphenol	11.95	107	137497	19.47	ng/ul	89
34) 2-Methylnaphthalene	12.33	142	258325	19.71	ng/ul	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.70	216	157910	22.45	ng/ul	98
37) Hexachlorocyclopentadiene	12.67	237	71298	17.93	ng/ul	91
38) 2,4,6-Trichlorophenol	12.94	196	100404	22.51	ng/ul	99
39) 2,4,5-Trichlorophenol	13.01	196	116384	22.78	ng/ul	96
40) 1,1'-Biphenyl	13.34	154	363607	22.19	ng/ul#	96
41) 2-Chloronaphthalene	13.39	162	281576	22.21	ng/ul	97
42) 2-Nitroaniline	13.60	65	116212	22.31	ng/ul#	69
44) Dimethylphthalate	13.97	163	400510	22.48	ng/ul	99
45) 2,6-Dinitrotoluene	14.09	165	77130	22.50	ng/ul#	77
47) Acenaphthylene	14.24	152	476486	23.30	ng/ul	100
48) 3-Nitroaniline	14.43	138	85554	23.44	ng/ul#	64
49) Acenaphthene	14.58	153	334972	23.29	ng/ul	98
50) 2,4-Dinitrophenol	14.63	184	43852	19.52	ng/ul#	82
52) 4-Nitrophenol	14.72	109	94113	22.85	ng/ul#	76
53) Dibenzofuran	14.92	168	505628	23.85	ng/ul	98
54) 2,4-Dinitrotoluene	14.88	165	126126	23.89	ng/ul#	65
55) 2,3,4,6-Tetrachlorophenol	15.14	232	112757	22.99	ng/ul#	89
56) Diethylphthalate	15.33	149	428338	22.96	ng/ul	99
58) Fluorene	15.56	166	428306	23.41	ng/ul	97
59) 4-Chlorophenyl-phenylether	15.56	204	223533	23.78	ng/ul#	87
60) 4-Nitroaniline	15.59	138	105655	25.50	ng/ul#	75
63) 4,6-Dinitro-2-methylphenol	15.64	198	81834	19.80	ng/ul	94
64) N-Nitrosodiphenylamine	15.77	169	373763	20.22	ng/ul	96
65) 4-Bromophenyl-phenylether	16.45	248	142820	20.10	ng/ul#	89
66) Hexachlorobenzene	16.56	284	158677	20.07	ng/ul#	90
67) Atrazine	16.72	200	143756	18.60	ng/ul	91
68) Pentachlorophenol	16.91	266	96534	18.59	ng/ul	98
69) Phenanthrene	17.30	178	764416	20.88	ng/ul	97
71) Anthracene	17.39	178	785521	21.04	ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.31	216	154026	19.93	ng/uL	97
73) Pentachlorobenzene	14.83	250	164481	19.82	ng/uL	98
74) Carbazole	17.67	167	736712	21.14	ng/ul	99
75) Di-n-butylphthalate	18.22	149	790833	19.69	ng/ul#	98
76) Fluoranthene	19.32	202	1014972	21.99	ng/ul	98
79) Pyrene	19.68	202	1104834	18.91	ng/ul	98
80) Butylbenzylphthalate	20.57	149	424870	18.10	ng/ul#	82
81) 3,3'-Dichlorobenzidine	21.35	252	467366	21.94	ng/ul	97
82) Benzo(a)anthracene	21.42	228	1311700	20.41	ng/ul	98
83) Bis(2-ethylhexyl)phthalate	21.33	149	689341	18.86	ng/ul#	99
84) Chrysene	21.47	228	1227790	20.25	ng/ul	99
86) Di-n-octyl phthalate	22.23	149	1289767	18.75	ng/ul#	88
87) Benzo(b)fluoranthene	23.06	252	1548608	20.48	ng/ul#	97
88) Benzo(k)fluoranthene	23.11	252	1421121	19.66	ng/ul	98
90) Benzo(a)pyrene	23.67	252	1505667	20.49	ng/ul#	97
91) Indeno(1,2,3-cd)pyrene	26.15	276	1888885	21.43	ng/ul#	91
92) Dibenzo(a,h)anthracene	26.16	278	1574180	21.11	ng/ul#	95
93) Benzo(g,h,i)perylene	26.89	276	1584078	21.71	ng/ul#	91

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

