

Data Path : Z:\HPCHEM1\BNA M\DATA\BM032317\
 Data File : BM009345.D
 Acq On : 23 Mar 2017 16:02
 Operator : SJ/MA
 Sample : SSTDICV020
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SICV58

Quant Time: Mar 23 16:45:50 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM032317MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Mar 23 16:17:04 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	146265	20.00	ng/ul	-0.02
18) Naphthalene-d8	10.66	136	563387	20.00	ng/ul	-0.02
35) Acenaphthene-d10	14.50	164	340028	20.00	ng/ul	-0.01
61) Phenanthrene-d10	17.25	188	777133	20.00	ng/ul	-0.01
77) Chrysene-d12	21.43	240	1016591	20.00	ng/ul	0.00
85) Perylene-d12	23.75	264	960822	20.00	ng/ul	-0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.33	96	31927	8.32	ng/uL	-0.01
5) Phenol-d5	7.01	99	260485	19.70	ng/ul	-0.02
7) Bis-(2-Chloroethyl)ether-d	7.19	67	185802	19.70	ng/ul	-0.01
9) 2-Chlorophenol-d4	7.39	132	179377	20.14	ng/ul	-0.01
13) 4-Methylphenol-d8	8.56	113	190149	19.26	ng/ul	-0.01
19) Nitrobenzene-d5	9.03	128	88856	21.45	ng/ul	-0.01
22) 2-Nitrophenol-d4	9.74	143	90357	20.12	ng/ul	-0.02
26) 2,4-Dichlorophenol-d3	10.27	165	187176	21.19	ng/ul	-0.02
29) 4-Chloroaniline-d4	10.80	131	222093	21.82	ng/ul	-0.01
43) Dimethylphthalate-d6	13.91	166	542890	22.70	ng/ul	-0.01
46) Acenaphthylene-d8	14.20	160	677655	22.59	ng/ul	-0.01
51) 4-Nitrophenol-d4	14.69	143	97349	22.08	ng/ul	-0.02
57) Fluorene-d10	15.49	176	492761	22.46	ng/ul	-0.02
62) 4,6-Dinitro-2-methylphenol	15.62	200	90981	18.52	ng/ul	-0.01
70) Anthracene-d10	17.34	188	774688	20.90	ng/ul	-0.02
78) Pyrene-d10	19.64	212	865665	20.09	ng/ul	-0.01
89) Benzo(a)pyrene-d12	23.60	264	893346	20.19	ng/ul	-0.02

Target Compounds

						Ovalue
2) 1,4-Dioxane	3.37	88	35262	8.22	ng/uL#	59
4) Benzaldehyde	7.00	77	211442	22.82	ng/ul#	78
6) Phenol	7.04	94	272283	19.24	ng/ul#	81
8) Bis(2-Chloroethyl)ether	7.28	93	220400	19.99	ng/ul#	82
10) 2-Chlorophenol	7.42	128	192931	20.36	ng/ul#	77
11) 2-Methylphenol	8.29	108	192754	19.69	ng/ul	91
12) 2,2'-oxybis(1-Chloropropan	8.39	45	355157	19.86	ng/ul#	87
14) Acetophenone	8.68	105	324911	19.30	ng/ul#	79
15) N-Nitroso-di-n-propylamine	8.66	70	192984	19.86	ng/ul#	77
16) 4-Methylphenol	8.62	108	204696	19.25	ng/ul	97
17) Hexachloroethane	8.93	117	89568	19.59	ng/ul	98
20) Nitrobenzene	9.07	77	294503	21.09	ng/ul#	81
21) Isophorone	9.58	82	476751	20.53	ng/ul#	92
23) 2-Nitrophenol	9.77	139	101216	21.31	ng/ul#	65
24) 2,4-Dimethylphenol	9.82	107	242837	20.70	ng/ul	91
25) Bis(2-Chloroethoxy)methane	10.07	93	281702	20.94	ng/ul	98
27) 2,4-Dichlorophenol	10.30	162	188095	21.23	ng/ul	94
28) Naphthalene	10.70	128	591648	20.75	ng/ul	99
30) 4-Chloroaniline	10.82	127	232571	21.68	ng/ul	97
31) Hexachlorobutadiene	10.98	225	143566	20.69	ng/ul	97
32) Caprolactam	11.60	113	53885	21.74	ng/ul#	49
33) 4-Chloro-3-methylphenol	11.93	107	208821	20.99	ng/ul	90
34) 2-Methylnaphthalene	12.32	142	418331	20.35	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.69	216	256152	22.42	ng/ul	98
37) Hexachlorocyclopentadiene	12.66	237	148904	20.78	ng/ul	97
38) 2,4,6-Trichlorophenol	12.93	196	147276	22.02	ng/ul	94
39) 2,4,5-Trichlorophenol	12.99	196	165757	22.97	ng/ul	98
40) 1,1'-Biphenyl	13.33	154	561442	22.35	ng/ul#	95
41) 2-Chloronaphthalene	13.37	162	445600	22.80	ng/ul	93
42) 2-Nitroaniline	13.59	65	163015	22.63	ng/ul#	67
44) Dimethylphthalate	13.95	163	537588	22.53	ng/ul	99
45) 2,6-Dinitrotoluene	14.08	165	105795	22.95	ng/ul#	68
47) Acenaphthylene	14.22	152	683261	22.86	ng/ul	98
48) 3-Nitroaniline	14.42	138	112526	23.67	ng/ul#	68
49) Acenaphthene	14.56	153	467434	22.27	ng/ul	97
50) 2,4-Dinitrophenol	14.62	184	60884	19.22	ng/ul#	83
52) 4-Nitrophenol	14.70	109	112041	21.68	ng/ul#	72
53) Dibenzofuran	14.90	168	688972	22.65	ng/ul	97
54) 2,4-Dinitrotoluene	14.87	165	158616	23.02	ng/ul#	63
55) 2,3,4,6-Tetrachlorophenol	15.12	232	149283	22.95	ng/ul	92
56) Diethylphthalate	15.32	149	556312	22.74	ng/ul	99
58) Fluorene	15.55	166	565792	22.81	ng/ul	98
59) 4-Chlorophenyl-phenylether	15.54	204	302322	22.86	ng/ul	88
60) 4-Nitroaniline	15.58	138	119226	23.61	ng/ul#	75
63) 4,6-Dinitro-2-methylphenol	15.63	198	99846	18.90	ng/ul#	82
64) N-Nitrosodiphenylamine	15.76	169	486515	20.75	ng/ul	97
65) 4-Bromophenyl-phenylether	16.44	248	183605	21.09	ng/ul#	89
66) Hexachlorobenzene	16.55	284	192660	19.64	ng/ul	91
67) Atrazine	16.70	200	181423	20.93	ng/ul	95
68) Pentachlorophenol	16.89	266	115801	19.50	ng/ul	96
69) Phenanthrene	17.29	178	908377	20.76	ng/ul	100
71) Anthracene	17.38	178	923080	20.61	ng/ul	98
72) 1,2,3,4-Tetrachlorobenzene	13.29	216	234843	20.55	ng/uL	99
73) Pentachlorobenzene	14.82	250	241068	21.34	ng/uL	97
74) Carbazole	17.66	167	801272	19.84	ng/ul	99
75) Di-n-butylphthalate	18.20	149	904939	20.76	ng/ul#	98
76) Fluoranthene	19.30	202	1055735	19.96	ng/ul	100
79) Pvrene	19.67	202	1126914	20.18	ng/ul	98
80) Butylbenzylphthalate	20.56	149	408727	20.06	ng/ul#	81
81) 3,3'-Dichlorobenzidine	21.34	252	416580	21.36	ng/ul	99
82) Benzo(a)anthracene	21.41	228	1182740	20.46	ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.32	149	591786	19.79	ng/ul#	98
84) Chrysene	21.46	228	1117525	20.40	ng/ul	100
86) Di-n-octyl phthalate	22.22	149	1050610	18.84	ng/ul#	84
87) Benzo(b)fluoranthene	23.04	252	1181307	20.36	ng/ul#	97
88) Benzo(k)fluoranthene	23.09	252	1116563	20.20	ng/ul#	97
90) Benzo(a)pyrene	23.65	252	1127367	20.38	ng/ul#	97
91) Indeno(1,2,3-cd)pyrene	26.12	276	1270055	20.16	ng/ul#	91
92) Dibenzo(a,h)anthracene	26.13	278	1085481	20.11	ng/ul#	93
93) Benzo(g,h,i)perylene	26.85	276	1066983	20.33	ng/ul#	92

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

