

Data Path : Z:\HPCHEM1\BNA M\DATA\BM040116\
 Data File : BM004843.D
 Acq On : 01 Apr 2016 16:12
 Operator : UM/SJ
 Sample : SSTD00550
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD00551

Quant Time: Apr 01 18:00:04 2016
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM040116.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Mar 30 03:41:15 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	42869	20.00	ng/ul	0.00
18) Naphthalene-d8	10.62	136	175979	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.46	164	121799	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.21	188	248391	20.00	ng/ul	0.00
78) Chrysene-d12	21.41	240	1010455	20.00	ng/ul	0.01
86) Perylene-d12	23.71	264	371858	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.32	96	2261	1.82	ng/uL	0.00
5) Phenol-d5	6.99	99	17703	5.03	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.16	67	12754	6.39	ng/ul	0.00
9) 2-Chlorophenol-d4	7.36	132	13336	4.70	ng/ul	0.00
13) 4-Methylphenol-d8	8.53	113	15290	5.38	ng/ul	0.00
19) Nitrobenzene-d5	8.99	128	6993	5.71	ng/ul	0.00
22) 2-Nitrophenol-d4	9.70	143	7753	5.87	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.25	165	14222	5.48	ng/ul	0.01
29) 4-Chloroaniline-d4	10.65	131	1932	0.62	ng/ul	-0.10
44) Dimethylphthalate-d6	13.87	166	48285	5.07	ng/ul	0.00
47) Acenaphthylene-d8	14.16	160	59086	5.06	ng/ul	0.00
52) 4-Nitrophenol-d4	14.67	143	9070	4.93	ng/ul	0.02
58) Fluorene-d10	15.46	176	42369	5.11	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.57	200	7083	5.43	ng/ul	0.00
71) Anthracene-d10	17.21	188	248391	21.72	ng/ul	-0.09
79) Pyrene-d10	19.61	212	80672	1.75	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.56	264	85797	5.17	ng/ul	0.00

Target Compounds

					Ovalue
2) 1,4-Dioxane	3.35	88	2704	1.87 ng/uL#	69
4) Benzaldehyde	6.98	77	13263	6.79 ng/ul	95
6) Phenol	7.02	94	18202	4.91 ng/ul	98
8) Bis(2-Chloroethyl)ether	7.25	93	15221	5.28 ng/ul	100
10) 2-Chlorophenol	7.39	128	14456	4.83 ng/ul#	91
11) 2-Methylphenol	8.27	108	14214	4.99 ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.36	45	19764	5.73 ng/ul#	66
14) Acetophenone	8.65	105	24665	5.57 ng/ul#	92
15) N-Nitroso-di-n-propylamine	8.62	70	14107	6.27 ng/ul#	88
16) 4-Methylphenol	8.60	108	16079	5.13 ng/ul	90
17) Hexachloroethane	8.90	117	5735	4.82 ng/ul	99
20) Nitrobenzene	9.03	77	16394	5.43 ng/ul	99
21) Isophorone	9.55	82	34873	6.03 ng/ul	98
23) 2-Nitrophenol	9.73	139	8286	5.66 ng/ul#	89
24) 2,4-Dimethylphenol	9.80	107	18105	5.65 ng/ul	95
25) Bis(2-Chloroethoxy)methane	10.03	93	21539	5.77 ng/ul#	88
27) 2,4-Dichlorophenol	10.27	162	14334	5.37 ng/ul	96
28) Naphthalene	10.67	128	47156	5.14 ng/ul	100
30) 4-Chloroaniline	10.67	127	6380	1.96 ng/ul#	9
31) Hexachlorobutadiene	10.95	225	9056	5.68 ng/ul	99
32) Caprolactam	11.51	113	2514	2.81 ng/ul#	1
33) 4-Chloro-3-methylphenol	11.90	107	18931	6.26 ng/ul	97
34) 2-Methylnaphthalene	12.28	142	36512	5.59 ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.50	142	35602	5.67	ng/ul	100
37) 1,2,4,5-Tetrachlorobenzene	12.65	216	18559	4.77	ng/ul	99
38) Hexachlorocyclopentadiene	12.63	237	11321	5.37	ng/ul	98
39) 2,4,6-Trichlorophenol	12.89	196	11065	4.31	ng/ul	99
40) 2,4,5-Trichlorophenol	12.96	196	13418	4.84	ng/ul	97
41) 1,1'-Biphenyl	13.29	154	52405	5.15	ng/ul	98
42) 2-Chloronaphthalene	13.34	162	36601	4.78	ng/ul	96
43) 2-Nitroaniline	13.55	65	10447	5.07	ng/ul	88
45) Dimethylphthalate	13.92	163	50113	5.18	ng/ul	99
46) 2,6-Dinitrotoluene	14.04	165	9582	5.57	ng/ul#	79
48) Acenaphthylene	14.19	152	61130	4.87	ng/ul	100
49) 3-Nitroaniline	14.40	138	777	0.42	ng/ul#	40
50) Acenaphthene	14.53	153	42048	4.98	ng/ul	100
51) 2,4-Dinitrophenol	14.58	184	3858	3.94	ng/ul	88
53) 4-Nitrophenol	14.69	109	7454	4.99	ng/ul	90
54) Dibenzofuran	14.86	168	60032	4.99	ng/ul	98
55) 2,4-Dinitrotoluene	14.83	165	12219	4.71	ng/ul#	91
56) 2,3,4,6-Tetrachlorophenol	15.09	232	12884	5.28	ng/ul#	95
57) Diethylphthalate	15.28	149	58913	5.98	ng/ul	98
59) Fluorene	15.52	166	51546	5.37	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.51	204	23815	5.20	ng/ul	93
61) 4-Nitroaniline	15.52	138	1263	0.63	ng/ul	93
64) 4,6-Dinitro-2-methylphenol	15.59	198	7823	5.52	ng/ul#	71
65) N-Nitrosodiphenylamine	15.72	169	44139	5.87	ng/ul	99
66) 4-Bromophenyl-phenylether	16.40	248	14898	5.96	ng/ul	91
67) Hexachlorobenzene	16.52	284	15163	5.40	ng/ul	97
68) Atrazine	16.76	200	14862	5.59	ng/ul	97
69) Pentachlorophenol	16.86	266	16033	8.80	ng/ul	99
70) Phenanthrene	17.25	178	82958	5.85	ng/ul	99
72) Anthracene	17.35	178	82474	5.77	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.26	216	18553	5.43	ng/uL	96
74) Pentachlorobenzene	14.78	250	16434	4.98	ng/uL	99
75) Carbazole	17.62	167	75797	5.93	ng/ul	99
76) Di-n-butylphthalate	18.17	149	145843	8.05	ng/ul	98
77) Fluoranthene	19.27	202	86405	5.51	ng/ul#	83
80) Pvrene	19.64	202	100363	1.64	ng/ul#	95
81) Butylbenzylphthalate	20.54	149	108333	4.42	ng/ul	96
82) 3,3'-Dichlorobenzidine	21.34	252	3646	0.23	ng/ul#	16
83) Benzo(a)anthracene	21.39	228	121812	2.07	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.32	149	813948	23.37	ng/ul#	96
85) Chrysene	21.44	228	745778	13.24	ng/ul	100
87) Di-n-octyl phthalate	22.20	149	251591	11.32	ng/ul#	46
88) Benzo(b)fluoranthene	23.01	252	111694	5.04	ng/ul#	93
89) Benzo(k)fluoranthene	23.06	252	107878	5.12	ng/ul#	92
91) Benzo(a)pyrene	23.60	252	108385	5.10	ng/ul#	92
92) Indeno(1,2,3-cd)pyrene	26.03	276	130736	5.47	ng/ul	99
93) Dibenzo(a,h)anthracene	26.04	278	108928	5.51	ng/ul	99
94) Benzo(a,h,i)perylene	26.74	276	110465	5.46	ng/ul	97

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

