

Data Path : Z:\HPCHEM1\BNA_M\Data\BM042016\
 Data File : BM005030.D
 Acq On : 21 Apr 2016 18:39
 Operator : UM/SJ
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD02065

Quant Time: Apr 21 19:12:17 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	55754	20.00	ng/ul	0.00
18) Naphthalene-d8	10.60	136	239176	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.44	164	137947	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.19	188	306302	20.00	ng/ul	0.00
75) Chrysene-d12	21.38	240	339734	20.00	ng/ul	0.00
83) Perylene-d12	23.66	264	331809	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.30	96	8633	8.29	ng/uL	0.00
5) Phenol-d5	6.97	99	80732	20.29	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.14	67	46070	20.19	ng/ul	0.00
9) 2-Chlorophenol-d4	7.34	132	66406	19.97	ng/ul	0.00
13) 4-Methylphenol-d8	8.51	113	66083	20.10	ng/ul	0.00
19) Nitrobenzene-d5	8.96	128	31672	19.99	ng/ul	0.00
22) 2-Nitrophenol-d4	9.68	143	34853	19.55	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.22	165	65780	20.32	ng/ul	0.00
29) 4-Chloroaniline-d4	10.73	131	84856	23.26	ng/ul	0.00
43) Dimethylphthalate-d6	13.85	166	188338	20.07	ng/ul	0.00
46) Acenaphthylene-d8	14.14	160	237569	20.64	ng/ul	0.00
51) 4-Nitrophenol-d4	14.64	143	30311	18.93	ng/ul	0.00
57) Fluorene-d10	15.44	176	166589	20.55	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.56	200	23960	18.08	ng/ul	0.00
70) Anthracene-d10	17.29	188	247031	20.30	ng/ul	0.00
76) Pyrene-d10	19.59	212	275043	19.43	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.52	264	269115	21.06	ng/ul	0.00

Target Compounds

					Qvalue
2) 1,4-Dioxane	3.34	88	15530	8.18 ng/uL	96
4) Benzaldehyde	6.95	77	53458	23.49 ng/ul	99
6) Phenol	7.00	94	84303	20.46 ng/ul	97
8) Bis(2-Chloroethyl)ether	7.23	93	65470	20.34 ng/ul	98
10) 2-Chlorophenol	7.37	128	68687	20.10 ng/ul	100
11) 2-Methylphenol	8.25	108	64204	19.83 ng/ul	96
12) 2,2'-oxybis(1-Chloropropan	8.34	45	81985	20.52 ng/ul	98
14) Acetophenone	8.63	105	102325	20.79 ng/ul	100
15) N-Nitroso-di-n-propylamine	8.61	70	49814	19.19 ng/ul	99
16) 4-Methylphenol	8.57	108	70034	19.99 ng/ul	98
17) Hexachloroethane	8.88	117	27194	20.29 ng/ul	92
20) Nitrobenzene	9.00	77	75259	20.34 ng/ul	98
21) Isophorone	9.52	82	136719	19.48 ng/ul	99
23) 2-Nitrophenol	9.72	139	37301	19.76 ng/ul	94
24) 2,4-Dimethylphenol	9.77	107	78381	20.63 ng/ul	98
25) Bis(2-Chloroethoxy)methane	10.01	93	85619	19.42 ng/ul	99
27) 2,4-Dichlorophenol	10.25	162	66474	20.37 ng/ul	99
28) Naphthalene	10.65	128	218733	20.53 ng/ul	99
30) 4-Chloroaniline	10.76	127	85183	23.10 ng/ul	98
31) Hexachlorobutadiene	10.93	225	43988	20.90 ng/ul	98
32) Caprolactam	11.51	113	18141	18.08 ng/ul	94
33) 4-Chloro-3-methylphenol	11.88	107	70266	19.54 ng/ul	98
34) 2-Methylnaphthalene	12.26	142	156332	20.13 ng/ul	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.63	216	82320	20.90	ng/ul	99
37) Hexachlorocyclopentadiene	12.60	237	42954	20.37	ng/ul	96
38) 2,4,6-Trichlorophenol	12.87	196	52051	20.08	ng/ul	99
39) 2,4,5-Trichlorophenol	12.94	196	57439	20.53	ng/ul	97
40) 1,1'-Biphenyl	13.27	154	206266	20.84	ng/ul	99
41) 2-Chloronaphthalene	13.32	162	156657	20.81	ng/ul	99
42) 2-Nitroaniline	13.52	65	41152	19.43	ng/ul	97
44) Dimethylphthalate	13.90	163	187545	20.08	ng/ul	100
45) 2,6-Dinitrotoluene	14.02	165	36811	19.79	ng/ul	93
47) Acenaphthylene	14.17	152	251279	20.56	ng/ul	99
48) 3-Nitroaniline	14.35	138	39710	21.12	ng/ul	97
49) Acenaphthene	14.51	153	163170	20.51	ng/ul	99
50) 2,4-Dinitrophenol	14.56	184	12469	15.15	ng/ul	98
52) 4-Nitrophenol	14.66	109	26961	19.95	ng/ul	95
53) Dibenzofuran	14.84	168	235803	20.48	ng/ul	99
54) 2,4-Dinitrotoluene	14.81	165	54000	20.40	ng/ul	100
55) 2,3,4,6-Tetrachlorophenol	15.07	232	47538	20.66	ng/ul	94
56) Diethylphthalate	15.26	149	182908	20.00	ng/ul	99
58) Fluorene	15.49	166	183205	20.69	ng/ul	100
59) 4-Chlorophenyl-phenylether	15.49	204	92271	20.79	ng/ul	98
60) 4-Nitroaniline	15.52	138	40388	20.69	ng/ul	96
63) 4,6-Dinitro-2-methylphenol	15.57	198	25765	18.63	ng/ul	97
64) N-Nitrosodiphenylamine	15.70	169	159510	20.17	ng/ul	99
65) 4-Bromophenyl-phenylether	16.38	248	56143	19.94	ng/ul	97
66) Hexachlorobenzene	16.50	284	64700	20.51	ng/ul	96
67) Atrazine	16.65	200	55514	20.74	ng/ul	98
68) Pentachlorophenol	16.84	266	34808	20.08	ng/ul	99
69) Phenanthrene	17.23	178	294073	20.57	ng/ul	99
71) Anthracene	17.32	178	296105	20.48	ng/ul	100
72) Carbazole	17.60	167	268531	22.06	ng/ul	99
73) Di-n-butylphthalate	18.15	149	289086	19.72	ng/ul	99
74) Fluoranthene	19.25	202	333538	22.65	ng/ul	98
77) Pyrene	19.62	202	343547	19.13	ng/ul	97
78) Butylbenzylphthalate	20.51	149	134682	19.39	ng/ul	99
79) 3,3'-Dichlorobenzidine	21.30	252	115665	23.22	ng/ul	98
80) Benzo(a)anthracene	21.36	228	346210	20.68	ng/ul	100
81) Bis(2-ethylhexyl)phthalate	21.29	149	189437	19.93	ng/ul	99
82) Chrysene	21.42	228	323192	20.38	ng/ul	99
84) Di-n-octyl phthalate	22.17	149	335946	21.10	ng/ul	99
85) Benzo(b)fluoranthene	22.97	252	352470	21.41	ng/ul	100
86) Benzo(k)fluoranthene	23.02	252	337349	21.25	ng/ul	99
88) Benzo(a)pyrene	23.57	252	330192	20.95	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	25.97	276	360407	20.55	ng/ul	98
90) Dibenzo(a,h)anthracene	25.99	278	302828	20.61	ng/ul	99
91) Benzo(g,h,i)perylene	26.69	276	300854	20.37	ng/ul	98

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

