

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM031516\
 Data File : BM004594.D
 Acq On : 15 Mar 2016 12:42
 Operator : SJ/UM
 Sample : SSTD02044
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD02044

Quant Time: Mar 15 13:27:43 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM031516.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Mar 15 13:14:57 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	62535	20.00	ng/ul	0.00
18) Naphthalene-d8	10.64	136	274816	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.48	164	157319	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.22	188	352932	20.00	ng/ul	0.00
78) Chrysene-d12	21.41	240	407352	20.00	ng/ul	0.00
86) Perylene-d12	23.71	264	401021	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.33	96	14338	12.34	ng/uL	0.00
5) Phenol-d5	7.00	99	103643	20.57	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.18	67	59791	23.55	ng/ul	0.00
9) 2-Chlorophenol-d4	7.38	132	82827	18.44	ng/ul	0.00
13) 4-Methylphenol-d8	8.55	113	85268	19.20	ng/ul	0.00
19) Nitrobenzene-d5	9.00	128	38616	18.80	ng/ul	0.00
22) 2-Nitrophenol-d4	9.72	143	42181	17.94	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.26	165	81522	19.17	ng/ul	0.00
29) 4-Chloroaniline-d4	10.77	131	110298	21.08	ng/ul	0.00
44) Dimethylphthalate-d6	13.89	166	248235	18.97	ng/ul	0.00
47) Acenaphthylene-d8	14.17	160	307526	19.44	ng/ul	0.00
52) 4-Nitrophenol-d4	14.66	143	48247	25.00	ng/ul	0.00
58) Fluorene-d10	15.47	176	214712	18.92	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.59	200	34997	15.27	ng/ul	0.00
71) Anthracene-d10	17.32	188	331425	19.19	ng/ul	0.00
79) Pyrene-d10	19.62	212	376909	17.21	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.56	264	366423	17.17	ng/ul	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.37	88	16978	13.09	ng/uL	90
4) Benzaldehyde	6.99	77	60183	22.77	ng/ul	100
6) Phenol	7.03	94	109665	20.57	ng/ul	97
8) Bis(2-Chloroethyl)ether	7.27	93	86994	21.52	ng/ul	95
10) 2-Chlorophenol	7.41	128	87543	18.66	ng/ul	96
11) 2-Methylphenol	8.28	108	84466	19.46	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.38	45	104208	28.49	ng/ul	93
14) Acetophenone	8.66	105	137795	19.66	ng/ul#	97
15) N-Nitroso-di-n-propylamine	8.65	70	66373	20.26	ng/ul	93
16) 4-Methylphenol	8.60	108	93717	19.70	ng/ul	99
17) Hexachloroethane	8.93	117	35046	19.95	ng/ul	97
20) Nitrobenzene	9.05	77	96232	22.34	ng/ul	96
21) Isophorone	9.57	82	183143	20.69	ng/ul	98
23) 2-Nitrophenol	9.75	139	46647	17.51	ng/ul	94
24) 2,4-Dimethylphenol	9.81	107	102091	19.80	ng/ul	98
25) Bis(2-Chloroethoxy)methane	10.05	93	118070	21.41	ng/ul	99
27) 2,4-Dichlorophenol	10.28	162	84287	18.90	ng/ul	98
28) Naphthalene	10.69	128	288773	19.10	ng/ul	100
30) 4-Chloroaniline	10.80	127	116690	20.94	ng/ul	100
31) Hexachlorobutadiene	10.97	225	49988	17.25	ng/ul	100
32) Caprolactam	11.56	113	28343	21.26	ng/ul#	80
33) 4-Chloro-3-methylphenol	11.92	107	95702	19.45	ng/ul	99
34) 2-Methylnaphthalene	12.30	142	206620	18.24	ng/ul	99

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35) 1-Methylnaphthalene	12.52	142	199709	18.49	ng/ul	98
37) 1,2,4,5-Tetrachlorobenzene	12.67	216	101370	18.94	ng/ul	98
38) Hexachlorocyclopentadiene	12.65	237	51610	24.94	ng/ul	97
39) 2,4,6-Trichlorophenol	12.90	196	66109	19.75	ng/ul	100
40) 2,4,5-Trichlorophenol	12.97	196	71712	19.94	ng/ul	99
41) 1,1'-Biphenyl	13.32	154	265772	19.56	ng/ul	99
42) 2-Chloronaphthalene	13.35	162	199135	19.31	ng/ul	97
43) 2-Nitroaniline	13.56	65	52876	23.13	ng/ul	88
45) Dimethylphthalate	13.94	163	251867	18.31	ng/ul	99
46) 2,6-Dinitrotoluene	14.06	165	45245	16.41	ng/ul	93
48) Acenaphthylene	14.20	152	330580	19.49	ng/ul	100
49) 3-Nitroaniline	14.38	138	52006	20.04	ng/ul	94
50) Acenaphthene	14.55	153	220747	19.00	ng/ul	99
51) 2,4-Dinitrophenol	14.58	184	22701	16.28	ng/ul#	89
53) 4-Nitrophenol	14.68	109	39787	30.00	ng/ul	89
54) Dibenzofuran	14.88	168	312562	19.24	ng/ul	95
55) 2,4-Dinitrotoluene	14.84	165	68215	16.92	ng/ul	93
56) 2,3,4,6-Tetrachlorophenol	15.10	232	63428	20.40	ng/ul	99
57) Diethylphthalate	15.30	149	256467	18.34	ng/ul	100
59) Fluorene	15.53	166	253933	19.04	ng/ul	100
60) 4-Chlorophenyl-phenylether	15.52	204	121456	18.00	ng/ul	95
61) 4-Nitroaniline	15.54	138	49969	18.31	ng/ul	95
64) 4,6-Dinitro-2-methylphenol	15.60	198	38220	15.42	ng/ul#	98
65) N-Nitrosodiphenylamine	15.74	169	220116	19.05	ng/ul	98
66) 4-Bromophenyl-phenylether	16.42	248	72017	17.82	ng/ul	96
67) Hexachlorobenzene	16.53	284	80929	18.17	ng/ul	97
68) Atrazine	16.69	200	77411	18.84	ng/ul	96
69) Pentachlorophenol	16.87	266	51925	27.77	ng/ul	100
70) Phenanthrene	17.27	178	411095	19.44	ng/ul	99
72) Anthracene	17.36	178	414387	19.29	ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	13.27	216	98593	19.62	ng/uL	99
74) Pentachlorobenzene	14.80	250	95656	18.62	ng/uL	100
75) Carbazole	17.63	167	386730	21.27	ng/ul	98
76) Di-n-butylphthalate	18.19	149	475630	20.37	ng/ul	99
77) Fluoranthene	19.28	202	474605	20.83	ng/ul	98
80) Pyrene	19.64	202	501223	16.95	ng/ul	99
81) Butylbenzylphthalate	20.54	149	198210	16.97	ng/ul	91
82) 3,3'-Dichlorobenzidine	21.33	252	132120	15.66	ng/ul	99
83) Benzo(a)anthracene	21.39	228	478452	18.20	ng/ul	100
84) Bis(2-ethylhexyl)phthalate	21.33	149	289550	17.57	ng/ul	99
85) Chrysene	21.44	228	460763	18.28	ng/ul	99
87) Di-n-octyl phthalate	22.23	149	505142	16.76	ng/ul#	96
88) Benzo(b)fluoranthene	23.02	252	500396	18.73	ng/ul	100
89) Benzo(k)fluoranthene	23.06	252	457639	17.28	ng/ul	100
91) Benzo(a)pyrene	23.61	252	472095	18.70	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	26.04	276	532501	21.18	ng/ul	97
93) Dibenzo(a,h)anthracene	26.06	278	441065	21.21	ng/ul	99
94) Benzo(g,h,i)perylene	26.76	276	451221	21.31	ng/ul	99

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

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