

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM072716\
 Data File : BM006706.D
 Acq On : 28 Jul 2016 02:33
 Operator : UM/SJ
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD02045

Manual Integrations
 APPROVED

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Quant Time: Jul 28 05:09:09 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072616.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jul 28 01:25:43 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	138470	20.00	ng/ul	0.00
18) Naphthalene-d8	10.38	136	591342	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.26	164	335238	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.01	188	745385	20.00	ng/ul	0.00
75) Chrysene-d12	21.21	240	855071	20.00	ng/ul	0.00
83) Perylene-d12	23.41	264	890707	20.00	ng/ul	0.00

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System Monitoring Compounds

3) 1,4-Dioxane-d8	3.12	96	27984	7.85	ng/uL	0.00
5) Phenol-d5	6.79	99	248769	20.44	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.95	67	153232	20.50	ng/ul	0.00
9) 2-Chlorophenol-d4	7.14	132	192117	20.12	ng/ul	0.00
13) 4-Methylphenol-d8	8.32	113	190235	19.93	ng/ul	0.00
19) Nitrobenzene-d5	8.76	128	92346	20.23	ng/ul	0.00
22) 2-Nitrophenol-d4	9.47	143	100355	20.35	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.02	165	179677	19.87	ng/ul	0.00
29) 4-Chloroaniline-d4	10.53	131	211025	22.97	ng/ul	0.00
43) Dimethylphthalate-d6	13.67	166	532410	19.90	ng/ul	0.00
46) Acenaphthylene-d8	13.95	160	687922	20.45	ng/ul	0.00
51) 4-Nitrophenol-d4	14.49	143	89530	19.45	ng/ul	0.00
57) Fluorene-d10	15.26	176	472788	20.38	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.40	200	78369	19.29	ng/ul	0.00
70) Anthracene-d10	17.11	188	721953	20.76	ng/ul	0.00
76) Pyrene-d10	19.42	212	792028	19.97	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.27	264	830965	20.62	ng/ul	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.16	88	29693	8.10	ng/uL#	32
4) Benzaldehyde	6.76	77	154453	19.87	ng/ul	95
6) Phenol	6.82	94	259898	20.20	ng/ul	97
8) Bis(2-Chloroethyl)ether	7.04	93	198656	20.44	ng/ul	100
10) 2-Chlorophenol	7.17	128	198264	20.30	ng/ul	98
11) 2-Methylphenol	8.06	108	191645	19.89	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.14	45	283348	20.09	ng/ul	98
14) Acetophenone	8.42	105	305625	20.55	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.41	70	160775	19.77	ng/ul	100
16) 4-Methylphenol	8.38	108	209550	20.46	ng/ul	99
17) Hexachloroethane	8.67	117	81684	19.74	ng/ul	93
20) Nitrobenzene	8.80	77	237427	20.34	ng/ul	98
21) Isophorone	9.32	82	433083	19.73	ng/ul	100
23) 2-Nitrophenol	9.51	139	111650	20.66	ng/ul	96
24) 2,4-Dimethylphenol	9.57	107	232149	20.17	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.80	93	271825	20.13	ng/ul	99
27) 2,4-Dichlorophenol	10.04	162	184106	20.53	ng/ul	98
28) Naphthalene	10.43	128	609734	20.63	ng/ul	99
30) 4-Chloroaniline	10.55	127	216965	22.91	ng/ul	98
31) Hexachlorobutadiene	10.72	225	115251	20.38	ng/ul	98
32) Caprolactam	11.30	113	60557m	18.52	ng/ul	
33) 4-Chloro-3-methylphenol	11.69	107	205990	19.64	ng/ul	97
34) 2-Methylnaphthalene	12.06	142	445581	20.51	ng/ul	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.43	216	226351	21.00	ng/ul	98
37) Hexachlorocyclopentadiene	12.40	237	79489	17.20	ng/ul	99
38) 2,4,6-Trichlorophenol	12.68	196	144508	20.02	ng/ul	98
39) 2,4,5-Trichlorophenol	12.76	196	150721	20.16	ng/ul	97
40) 1,1'-Biphenyl	13.09	154	571572	20.95	ng/ul	99
41) 2-Chloronaphthalene	13.13	162	439504	20.77	ng/ul	99
42) 2-Nitroaniline	13.34	65	145963	19.70	ng/ul	95
44) Dimethylphthalate	13.72	163	536343	20.04	ng/ul	100
45) 2,6-Dinitrotoluene	13.84	165	108065	19.40	ng/ul	97
47) Acenaphthylene	13.98	152	722891	20.64	ng/ul	100
48) 3-Nitroaniline	14.17	138	106400	21.20	ng/ul	99
49) Acenaphthene	14.32	153	457153	20.48	ng/ul	99
50) 2,4-Dinitrophenol	14.40	184	41455	15.02	ng/ul	94
52) 4-Nitrophenol	14.50	109	82491	19.77	ng/ul	95
53) Dibenzofuran	14.66	168	653851	20.57	ng/ul	99
54) 2,4-Dinitrotoluene	14.64	165	157110	20.06	ng/ul	94
55) 2,3,4,6-Tetrachlorophenol	14.90	232	127914	20.35	ng/ul	98
56) Diethylphthalate	15.09	149	546458	19.31	ng/ul	100
58) Fluorene	15.32	166	526496	20.49	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.31	204	255724	20.43	ng/ul	99
60) 4-Nitroaniline	15.34	138	129233	20.43	ng/ul	93
63) 4,6-Dinitro-2-methylphenol	15.42	198	82510	18.89	ng/ul	98
64) N-Nitrosodiphenylamine	15.53	169	463315	20.76	ng/ul	99
65) 4-Bromophenyl-phenylether	16.20	248	165770	20.83	ng/ul	97
66) Hexachlorobenzene	16.32	284	179770	20.74	ng/ul	98
67) Atrazine	16.48	200	162396	20.44	ng/ul	98
68) Pentachlorophenol	16.67	266	74229	19.22	ng/ul	95
69) Phenanthrene	17.05	178	844969	20.91	ng/ul	99
71) Anthracene	17.14	178	870826	20.86	ng/ul	99
72) Carbazole	17.42	167	773484	21.17	ng/ul	99
73) Di-n-butylphthalate	17.98	149	942001	19.17	ng/ul	100
74) Fluoranthene	19.08	202	990609	21.64	ng/ul	99
77) Pyrene	19.44	202	1051959	20.15	ng/ul	98
78) Butylbenzylphthalate	20.35	149	444166	18.47	ng/ul	100
79) 3,3'-Dichlorobenzidine	21.14	252	303441	20.78	ng/ul	97
80) Benzo(a)anthracene	21.20	228	1036182	20.31	ng/ul	100
81) Bis(2-ethylhexyl)phthalate	21.13	149	631704	18.25	ng/ul	100
82) Chrysene	21.25	228	942155	20.27	ng/ul	99
84) Di-n-octyl phthalate	22.00	149	1148485	20.21	ng/ul	97
85) Benzo(b)fluoranthene	22.76	252	1101934	20.92	ng/ul	99
86) Benzo(k)fluoranthene	22.80	252	1002882	20.76	ng/ul	99
88) Benzo(a)pyrene	23.32	252	1044537	20.80	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	25.61	276	1219690	20.72	ng/ul	100
90) Dibenzo(a,h)anthracene	25.63	278	1016031	20.73	ng/ul	99
91) Benzo(g,h,i)perylene	26.29	276	1031478	20.28	ng/ul	99

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

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