

Data Path : Z:\HPCHEM1\BNA_M\Data\BM091917\
 Data File : BM011597.D
 Acq On : 19 Sep 2017 10:32
 Operator : SJ/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD02024

Manual Integrations
 APPROVED

Sohil
 9/20/2017 5:54:09 PM

Quant Time: Sep 20 01:26:20 2017
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090817MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Sep 19 03:50:18 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.97	152	439055	20.00	ng/ul	0.00
18) Naphthalene-d8	10.77	136	2016753	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.60	164	1225402	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.34	188	2779862	20.00	ng/ul	0.00
78) Chrysene-d12	21.50	240	3037994	20.00	ng/ul	0.00
86) Perylene-d12	23.87	264	2507224	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.39	96	74188	7.60	ng/uL	0.00
5) Phenol-d5	7.12	99	826588	19.61	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.29	67	597915	21.05	ng/ul	0.00
9) 2-Chlorophenol-d4	7.50	132	633317	19.93	ng/ul	0.00
13) 4-Methylphenol-d8	8.66	113	650396	19.76	ng/ul	0.00
19) Nitrobenzene-d5	9.13	128	314657	20.55	ng/ul	0.00
22) 2-Nitrophenol-d4	9.85	143	326281	20.50	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.39	165	654537	20.43	ng/ul	0.00
29) 4-Chloroaniline-d4	10.90	131	850188	24.05	ng/ul	0.00
44) Dimethylphthalate-d6	14.00	166	2017449	19.47	ng/ul	0.00
47) Acenaphthylene-d8	14.29	160	2532560	20.21	ng/ul	0.00
52) 4-Nitrophenol-d4	14.78	143	349732	17.96	ng/ul	0.00
58) Fluorene-d10	15.59	176	1806881	20.14	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.70	200	294614	18.21	ng/ul	0.00
71) Anthracene-d10	17.44	188	2782899	20.33	ng/ul	0.00
79) Pyrene-d10	19.72	212	2982001	20.96	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.72	264	2409988	20.17	ng/ul	0.00

Target Compounds

					Qvalue
2) 1,4-Dioxane	3.43	88	81478	7.616 ng/uL#	65
4) Benzaldehyde	7.10	77	459362	19.069 ng/ul	99
6) Phenol	7.15	94	826658	19.753 ng/ul	95
8) Bis(2-Chloroethyl)ether	7.39	93	656908	19.939 ng/ul#	81
10) 2-Chlorophenol	7.53	128	616202	19.881 ng/ul#	88
11) 2-Methylphenol	8.40	108	615006	19.382 ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.50	45	1244288	23.301 ng/ul#	91
14) Acetophenone	8.79	105	997775	19.834 ng/ul#	91
15) N-Nitroso-di-n-propylamine	8.77	70	573319	21.238 ng/ul#	72
16) 4-Methylphenol	8.73	108	681861	19.640 ng/ul	98
17) Hexachloroethane	9.05	117	241523	20.384 ng/ul	82
20) Nitrobenzene	9.17	77	774218	21.507 ng/ul	95
21) Isophorone	9.70	82	1496340	20.644 ng/ul	97
23) 2-Nitrophenol	9.89	139	342571	20.486 ng/ul#	89
24) 2,4-Dimethylphenol	9.93	107	732838	20.482 ng/ul	94
25) Bis(2-Chloroethoxy)methane	10.17	93	946793	20.033 ng/ul	97
27) 2,4-Dichlorophenol	10.42	162	622903	20.166 ng/ul	99
28) Naphthalene	10.82	128	2098332	20.064 ng/ul	98
30) 4-Chloroaniline	10.93	127	805325	23.973 ng/ul	97
31) Hexachlorobutadiene	11.10	225	369949	21.102 ng/ul	98
32) Caprolactam	11.70	113	171473m	17.635 ng/ul	
33) 4-Chloro-3-methylphenol	12.04	107	664910	20.303 ng/ul	95
34) 2-Methylnaphthalene	12.43	142	1557786	20.058 ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.65	142	1499406	20.271	ng/ul	93
37) 1,2,4,5-Tetrachlorobenzene	12.79	216	745513	20.509	ng/ul#	97
38) Hexachlorocyclopentadiene	12.77	237	403997	19.828	ng/ul	98
39) 2,4,6-Trichlorophenol	13.03	196	495980	20.041	ng/ul	97
40) 2,4,5-Trichlorophenol	13.10	196	503777	20.076	ng/ul	98
41) 1,1'-Biphenyl	13.43	154	2027311	19.881	ng/ul#	94
42) 2-Chloronaphthalene	13.48	162	1530672	19.950	ng/ul	99
43) 2-Nitroaniline	13.68	65	515552	21.634	ng/ul#	81
45) Dimethylphthalate	14.05	163	1911943	19.277	ng/ul#	98
46) 2,6-Dinitrotoluene	14.17	165	352523	20.125	ng/ul	95
48) Acenaphthylene	14.32	152	2543898	20.173	ng/ul	99
49) 3-Nitroaniline	14.50	138	390787	18.092	ng/ul	98
50) Acenaphthene	14.66	153	1691369	19.851	ng/ul	99
51) 2,4-Dinitrophenol	14.70	184	187523	17.327	ng/ul#	72
53) 4-Nitrophenol	14.80	109	246934	19.735	ng/ul#	61
54) Dibenzofuran	15.00	168	2376533	19.940	ng/ul	96
55) 2,4-Dinitrotoluene	14.96	165	514026	19.962	ng/ul#	75
56) 2,3,4,6-Tetrachlorophenol	15.22	232	466709	20.407	ng/ul#	77
57) Diethylphthalate	15.40	149	2027046	19.638	ng/ul	96
59) Fluorene	15.64	166	2048873	20.512	ng/ul	100
60) 4-Chlorophenyl-phenylether	15.63	204	966063	20.642	ng/ul	91
61) 4-Nitroaniline	15.66	138	399132	17.251	ng/ul	87
64) 4,6-Dinitro-2-methylphenol	15.72	198	302207	18.233	ng/ul#	92
65) N-Nitrosodiphenylamine	15.84	169	1651021	19.498	ng/ul	98
66) 4-Bromophenyl-phenylether	16.53	248	575065	20.254	ng/ul	95
67) Hexachlorobenzene	16.64	284	619020	19.806	ng/ul#	90
68) Atrazine	16.79	200	568161	19.366	ng/ul	97
69) Pentachlorophenol	16.99	266	363854	18.131	ng/ul	98
70) Phenanthrene	17.38	178	3106756	20.050	ng/ul	99
72) Anthracene	17.47	178	3231983	20.327	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.40	216	750953	20.272	ng/uL	100
74) Pentachlorobenzene	14.92	250	758395	20.186	ng/uL	98
75) Carbazole	17.74	167	2798524	20.631	ng/ul	98
76) Di-n-butylphthalate	18.29	149	3690212	20.712	ng/ul	100
77) Fluoranthene	19.39	202	3570989	22.407	ng/ul#	89
80) Pyrene	19.75	202	3804214	21.462	ng/ul#	87
81) Butylbenzylphthalate	20.63	149	1642903	20.155	ng/ul#	88
82) 3,3'-Dichlorobenzidine	21.42	252	1111138	20.140	ng/ul#	97
83) Benzo(a)anthracene	21.49	228	3479677	20.802	ng/ul	100
84) Bis(2-ethylhexyl)phthalate	21.40	149	2532837	20.233	ng/ul#	96
85) Chrysene	21.54	228	3119280	20.570	ng/ul	98
87) Di-n-octyl phthalate	22.31	149	4255732	23.917	ng/ul	100
88) Benzo(b)fluoranthene	23.15	252	3063226	20.309	ng/ul#	96
89) Benzo(k)fluoranthene	23.20	252	3054921	21.089	ng/ul#	97
91) Benzo(a)pyrene	23.77	252	2863154	20.111	ng/ul#	96
92) Indeno(1,2,3-cd)pyrene	26.31	276	2808791	17.935	ng/ul#	85
93) Dibenzo(a,h)anthracene	26.31	278	2384380	17.955	ng/ul#	95
94) Benzo(g,h,i)perylene	27.06	276	2221315	17.514	ng/ul#	90

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

