

Data Path : Z:\HPCHEM1\BNA_M\Data\BM062117\
 Data File : BM010632.D
 Acq On : 21 Jun 2017 20:40
 Operator : SJ/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleID :
 SSTD02041

Manual Integrations
 APPROVED

mohammad
 6/22/2017 5:32:49 PM

Quant Time: Jun 22 01:36:51 2017
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jun 22 00:43:46 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.46	152	50970	20.00	ng/ul	0.00
18) Naphthalene-d8	10.23	136	235242	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.12	164	173531	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.87	188	454165	20.00	ng/ul	0.00
75) Chrysene-d12	21.09	240	557020	20.00	ng/ul	0.00
83) Perylene-d12	23.23	264	521026	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.08	96	7697	8.65	ng/uL	0.00
5) Phenol-d5	6.65	99	88899	18.31	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.82	67	47600	17.17	ng/ul	0.00
9) 2-Chlorophenol-d4	7.00	132	67270	19.75	ng/ul	0.00
13) 4-Methylphenol-d8	8.17	113	76509	19.01	ng/ul	0.00
19) Nitrobenzene-d5	8.61	128	32732	19.51	ng/ul	0.00
22) 2-Nitrophenol-d4	9.32	143	40422	20.91	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.85	165	81792	20.09	ng/ul	0.00
29) 4-Chloroaniline-d4	10.37	131	99614	23.22	ng/ul	0.00
43) Dimethylphthalate-d6	13.54	166	303862	19.95	ng/ul	0.00
46) Acenaphthylene-d8	13.80	160	336940	19.02	ng/ul	0.00
51) 4-Nitrophenol-d4	14.33	143	52219	19.48	ng/ul	0.00
57) Fluorene-d10	15.12	176	259737	19.73	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.25	200	56560	20.28	ng/ul	0.00
70) Anthracene-d10	16.97	188	435292	19.85	ng/ul	0.00
76) Pyrene-d10	19.28	212	522069	20.18	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.09	264	494823	19.65	ng/ul	0.00

Target Compounds

					Qvalue
2) 1,4-Dioxane	3.10	88	7986	8.037 ng/uL#	24
4) Benzaldehyde	6.62	77	63644	22.272 ng/ul	88
6) Phenol	6.67	94	89869	17.970 ng/ul	90
8) Bis(2-Chloroethyl)ether	6.90	93	65501	17.990 ng/ul	95
10) 2-Chlorophenol	7.03	128	66881	19.644 ng/ul	95
11) 2-Methylphenol	7.90	108	71597	18.783 ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.00	45	43405	17.078 ng/ul#	88
14) Acetophenone	8.28	105	122172	18.587 ng/ul	93
15) N-Nitroso-di-n-propylamine	8.27	70	64130	18.106 ng/ul	93
16) 4-Methylphenol	8.23	108	78319	18.675 ng/ul	96
17) Hexachloroethane	8.53	117	30365	20.056 ng/ul	88
20) Nitrobenzene	8.65	77	96251	19.655 ng/ul	93
21) Isophorone	9.17	82	177965	18.284 ng/ul	99
23) 2-Nitrophenol	9.35	139	42708	20.824 ng/ul	89
24) 2,4-Dimethylphenol	9.42	107	102409	19.632 ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.66	93	97912	18.140 ng/ul	95
27) 2,4-Dichlorophenol	9.88	162	79281	20.008 ng/ul#	88
28) Naphthalene	10.27	128	230525	19.692 ng/ul	99
30) 4-Chloroaniline	10.39	127	93682	21.717 ng/ul	95
31) Hexachlorobutadiene	10.57	225	65376	21.878 ng/ul	96
32) Caprolactam	11.15	113	26616m	19.140 ng/ul	
33) 4-Chloro-3-methylphenol	11.52	107	98683	19.526 ng/ul	94
34) 2-Methylnaphthalene	11.90	142	189151	20.100 ng/ul	96

Data Path : Z:\HPCHEM1\BNA_M\Data\BM062117\
 Data File : BM010632.D
 Acq On : 21 Jun 2017 20:40
 Operator : SJ/JU
 Sample : SSTDC0020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD02041

Manual Integrations
 APPROVED

mohammad
 6/22/2017 5:32:49 PM

Quant Time: Jun 22 01:36:51 2017
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jun 22 00:43:46 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.28	216	119689	19.543	ng/ul#	93
37) Hexachlorocyclopentadiene	12.26	237	72043	20.463	ng/ul	96
38) 2,4,6-Trichlorophenol	12.53	196	81887	19.579	ng/ul	98
39) 2,4,5-Trichlorophenol	12.59	196	86233	19.969	ng/ul	100
40) 1,1'-Biphenyl	12.94	154	263675	19.435	ng/ul	98
41) 2-Chloronaphthalene	12.97	162	204151	19.123	ng/ul	96
42) 2-Nitroaniline	13.19	65	63412	20.305	ng/ul	99
44) Dimethylphthalate	13.59	163	292476	19.587	ng/ul	99
45) 2,6-Dinitrotoluene	13.70	165	54465	21.058	ng/ul#	87
47) Acenaphthylene	13.83	152	324630	19.236	ng/ul	98
48) 3-Nitroaniline	14.03	138	52396	20.086	ng/ul	97
49) Acenaphthene	14.18	153	217044	19.065	ng/ul	98
50) 2,4-Dinitrophenol	14.23	184	39038	20.840	ng/ul#	86
52) 4-Nitrophenol	14.34	109	75354	22.154	ng/ul	87
53) Dibenzofuran	14.52	168	337935	19.601	ng/ul	93
54) 2,4-Dinitrotoluene	14.49	165	84005	20.935	ng/ul	96
55) 2,3,4,6-Tetrachlorophenol	14.75	232	86688	19.841	ng/ul	92
56) Diethylphthalate	14.97	149	306719	19.523	ng/ul	96
58) Fluorene	15.17	166	278246	19.276	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.17	204	160789	20.495	ng/ul	93
60) 4-Nitroaniline	15.20	138	57875	18.785	ng/ul	92
63) 4,6-Dinitro-2-methylphenol	15.26	198	59673	20.077	ng/ul#	96
64) N-Nitrosodiphenylamine	15.39	169	245793	19.514	ng/ul	99
65) 4-Bromophenyl-phenylether	16.07	248	99987	19.228	ng/ul#	89
66) Hexachlorobenzene	16.18	284	108442	19.802	ng/ul#	83
67) Atrazine	16.36	200	111992	21.105	ng/ul	94
68) Pentachlorophenol	16.52	266	75583	19.576	ng/ul	95
69) Phenanthrene	16.92	178	474113	19.636	ng/ul	97
71) Anthracene	17.00	178	488367	19.633	ng/ul	97
72) Carbazole	17.28	167	420302	19.367	ng/ul	99
73) Di-n-butylphthalate	17.86	149	526362	19.074	ng/ul	99
74) Fluoranthene	18.94	202	620701	19.947	ng/ul#	96
77) Pyrene	19.31	202	639611	19.880	ng/ul	99
78) Butylbenzylphthalate	20.24	149	249395	20.619	ng/ul	97
79) 3,3'-Dichlorobenzidine	21.02	252	226967	20.368	ng/ul#	97
80) Benzo(a)anthracene	21.07	228	665086	20.504	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.03	149	360159	19.517	ng/ul#	98
82) Chrysene	21.12	228	589043	20.367	ng/ul	99
84) Di-n-octyl phthalate	21.89	149	622655	17.102	ng/ul	96
85) Benzo(b)fluoranthene	22.59	252	653176m	19.312	ng/ul	
86) Benzo(k)fluoranthene	22.63	252	640259	19.968	ng/ul#	98
88) Benzo(a)pyrene	23.13	252	616819	19.810	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	25.34	276	660645	20.457	ng/ul	97
90) Dibenzo(a,h)anthracene	25.36	278	542075	20.142	ng/ul	97
91) Benzo(g,h,i)perylene	25.99	276	530079	20.620	ng/ul	99

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

