

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062317\
 Data File : BM010745.D
 Acq On : 25 Jun 2017 00:15
 Operator : SJ/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleID :
 SSTD02050

Manual Integrations
 APPROVED

mohammad
 6/28/2017 7:45:25 AM

Quant Time: Jun 26 08:46:06 2017
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jun 26 04:54:47 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.46	152	55707	20.00	ng/ul	0.00
18) Naphthalene-d8	10.22	136	253159	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.11	164	185196	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.86	188	507834	20.00	ng/ul	0.00
75) Chrysene-d12	21.08	240	617945	20.00	ng/ul	0.00
83) Perylene-d12	23.21	264	470397	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.07	96	8592	8.84	ng/uL	0.00
5) Phenol-d5	6.65	99	93201	17.56	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.81	67	52387	17.29	ng/ul	0.00
9) 2-Chlorophenol-d4	6.99	132	72104	19.37	ng/ul	0.00
13) 4-Methylphenol-d8	8.16	113	80339	18.26	ng/ul	0.00
19) Nitrobenzene-d5	8.60	128	35788	19.82	ng/ul	0.00
22) 2-Nitrophenol-d4	9.32	143	42282	20.32	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.85	165	88424	20.18	ng/ul	0.00
29) 4-Chloroaniline-d4	10.36	131	104739	22.69	ng/ul	0.00
43) Dimethylphthalate-d6	13.53	166	322683	19.85	ng/ul	0.00
46) Acenaphthylene-d8	13.80	160	373792	19.77	ng/ul	0.00
51) 4-Nitrophenol-d4	14.32	143	55486	19.39	ng/ul	0.00
57) Fluorene-d10	15.11	176	293970	20.92	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.24	200	61628	19.76	ng/ul	0.00
70) Anthracene-d10	16.96	188	492239	20.07	ng/ul	0.00
76) Pyrene-d10	19.27	212	586566	20.43	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.08	264	459505	20.21	ng/ul	0.00

Target Compounds

					Qvalue
2) 1,4-Dioxane	3.10	88	9346	8.606 ng/uL#	47
4) Benzaldehyde	6.62	77	69455	22.238 ng/ul	100
6) Phenol	6.67	94	97449	17.829 ng/ul	96
8) Bis(2-Chloroethyl)ether	6.90	93	70283	17.662 ng/ul	96
10) 2-Chlorophenol	7.03	128	70700	18.999 ng/ul	97
11) 2-Methylphenol	7.90	108	75343	18.085 ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.00	45	43851	15.786 ng/ul#	79
14) Acetophenone	8.27	105	130026	18.100 ng/ul	95
15) N-Nitroso-di-n-propylamine	8.26	70	71302	18.419 ng/ul	92
16) 4-Methylphenol	8.23	108	84768	18.494 ng/ul	92
17) Hexachloroethane	8.52	117	34389	20.783 ng/ul#	80
20) Nitrobenzene	8.65	77	109607	20.799 ng/ul	97
21) Isophorone	9.16	82	184919	17.654 ng/ul	98
23) 2-Nitrophenol	9.35	139	44628	20.220 ng/ul#	88
24) 2,4-Dimethylphenol	9.42	107	111923	19.938 ng/ul	97
25) Bis(2-Chloroethoxy)methane	9.66	93	105260	18.122 ng/ul	90
27) 2,4-Dichlorophenol	9.87	162	87273	20.467 ng/ul#	94
28) Naphthalene	10.27	128	247240	19.625 ng/ul	99
30) 4-Chloroaniline	10.39	127	102091	21.992 ng/ul	94
31) Hexachlorobutadiene	10.56	225	69808	21.708 ng/ul	90
32) Caprolactam	11.15	113	27213m	18.184 ng/ul	
33) 4-Chloro-3-methylphenol	11.52	107	107020	19.677 ng/ul#	92
34) 2-Methylnaphthalene	11.89	142	203874	20.131 ng/ul	96

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36) 1,2,4,5-Tetrachlorobenzene	12.27	216	135296	20.700	ng/ul#	95
37) Hexachlorocyclopentadiene	12.25	237	60343	16.060	ng/ul	94
38) 2,4,6-Trichlorophenol	12.52	196	87679	19.644	ng/ul	90
39) 2,4,5-Trichlorophenol	12.59	196	94051	20.407	ng/ul	100
40) 1,1'-Biphenyl	12.93	154	286634	19.797	ng/ul	99
41) 2-Chloronaphthalene	12.97	162	227706	19.986	ng/ul	94
42) 2-Nitroaniline	13.18	65	74262	22.282	ng/ul	98
44) Dimethylphthalate	13.58	163	312657	19.620	ng/ul	99
45) 2,6-Dinitrotoluene	13.70	165	60602	21.955	ng/ul#	80
47) Acenaphthylene	13.83	152	349939	19.429	ng/ul	99
48) 3-Nitroaniline	14.02	138	58407	20.980	ng/ul	94
49) Acenaphthene	14.17	153	233923	19.253	ng/ul	100
50) 2,4-Dinitrophenol	14.23	184	40361	20.189	ng/ul#	75
52) 4-Nitrophenol	14.34	109	92374	25.448	ng/ul#	78
53) Dibenzofuran	14.51	168	374962	20.379	ng/ul	91
54) 2,4-Dinitrotoluene	14.49	165	91261	21.311	ng/ul	97
55) 2,3,4,6-Tetrachlorophenol	14.74	232	95381	20.456	ng/ul	92
56) Diethylphthalate	14.96	149	330562	19.716	ng/ul	95
58) Fluorene	15.17	166	310186	20.135	ng/ul	100
59) 4-Chlorophenyl-phenylether	15.17	204	174259	20.813	ng/ul	88
60) 4-Nitroaniline	15.19	138	66569	20.246	ng/ul	99
63) 4,6-Dinitro-2-methylphenol	15.25	198	62024	18.662	ng/ul	96
64) N-Nitrosodiphenylamine	15.39	169	269376	19.127	ng/ul	99
65) 4-Bromophenyl-phenylether	16.06	248	113527	19.525	ng/ul#	82
66) Hexachlorobenzene	16.17	284	121535	19.847	ng/ul#	79
67) Atrazine	16.35	200	118982	20.053	ng/ul	92
68) Pentachlorophenol	16.52	266	80370	18.616	ng/ul	97
69) Phenanthrene	16.90	178	538153	19.933	ng/ul	99
71) Anthracene	17.00	178	560127	20.138	ng/ul	99
72) Carbazole	17.27	167	473220	19.501	ng/ul	99
73) Di-n-butylphthalate	17.86	149	583712	18.917	ng/ul	98
74) Fluoranthene	18.93	202	707748	20.341	ng/ul#	97
77) Pyrene	19.30	202	720917	20.198	ng/ul	98
78) Butylbenzylphthalate	20.23	149	275535	20.535	ng/ul	94
79) 3,3'-Dichlorobenzidine	21.01	252	237387	19.203	ng/ul	96
80) Benzo(a)anthracene	21.06	228	730720	20.306	ng/ul	100
81) Bis(2-ethylhexyl)phthalate	21.02	149	406198	19.842	ng/ul#	97
82) Chrysene	21.12	228	645323	20.113	ng/ul	100
84) Di-n-octyl phthalate	21.87	149	693860	21.109	ng/ul#	95
85) Benzo(b)fluoranthene	22.59	252	641808	21.019	ng/ul	99
86) Benzo(k)fluoranthene	22.63	252	590456	20.397	ng/ul	100
88) Benzo(a)pyrene	23.13	252	566908	20.167	ng/ul	98
89) Indeno(1,2,3-cd)pyrene	25.33	276	578386	19.838	ng/ul	97
90) Dibenzo(a,h)anthracene	25.34	278	483744	19.909	ng/ul#	96
91) Benzo(g,h,i)perylene	25.97	276	470520	20.273	ng/ul	98

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

