

Data Path : Z:\HPCHEM1\BNA M\DATA\BM121217\
 Data File : BM013334.D
 Acq On : 12 Dec 2017 11:34
 Operator : SJ/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD02099

Manual Integrations
 APPROVED

Sohil
 12/13/2017 12:05:33 PM

Quant Time: Dec 12 14:16:34 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM113017.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Dec 12 11:20:58 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	154214	20.00	ng/ul	0.00
18) Naphthalene-d8	10.47	136	691201	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.33	164	439858	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.08	188	1094068	20.00	ng/ul	0.00
75) Chrysene-d12	21.27	240	1169742	20.00	ng/ul	0.00
83) Perylene-d12	23.50	264	949168	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.23	96	24348	7.82	ng/uL	0.00
5) Phenol-d5	6.87	99	258483	19.37	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.03	67	147793	19.42	ng/ul	0.00
9) 2-Chlorophenol-d4	7.22	132	208242	19.97	ng/ul	0.00
13) 4-Methylphenol-d8	8.40	113	214556	18.82	ng/ul	0.00
19) Nitrobenzene-d5	8.84	128	107070	19.53	ng/ul	0.00
22) 2-Nitrophenol-d4	9.56	143	118428	20.19	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.09	165	227380	18.81	ng/ul	0.00
29) 4-Chloroaniline-d4	10.60	131	267189	24.05	ng/ul	0.00
43) Dimethylphthalate-d6	13.75	166	739345	18.89	ng/ul	0.00
46) Acenaphthylene-d8	14.02	160	936177	19.38	ng/ul	0.00
51) 4-Nitrophenol-d4	14.55	143	123214	18.12	ng/ul	0.00
57) Fluorene-d10	15.33	176	651650	19.36	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.46	200	116367	16.91	ng/ul	0.00
70) Anthracene-d10	17.18	188	1078857	19.69	ng/ul	0.00
76) Pyrene-d10	19.47	212	1214454	20.84	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.36	264	963876	19.94	ng/ul	0.00

Target Compounds

				Ovalue	
2) 1,4-Dioxane	3.27	88	27122	7.759	ng/uL# 60
4) Benzaldehyde	6.84	77	136743	20.712	ng/ul 91
6) Phenol	6.89	94	252705	19.159	ng/ul# 89
8) Bis(2-Chloroethyl)ether	7.12	93	197676	19.601	ng/ul 96
10) 2-Chlorophenol	7.26	128	201272	19.687	ng/ul 93
11) 2-Methylphenol	8.13	108	197357	19.346	ng/ul 95
12) 2,2'-oxybis(1-Chloropropan	8.21	45	210350	19.865	ng/ul# 78
14) Acetophenone	8.51	105	331646	19.132	ng/ul 91
15) N-Nitroso-di-n-propylamine	8.49	70	168084	19.250	ng/ul# 68
16) 4-Methylphenol	8.46	108	208403	19.104	ng/ul 91
17) Hexachloroethane	8.75	117	89276	20.057	ng/ul# 72
20) Nitrobenzene	8.88	77	262959	19.044	ng/ul 96
21) Isophorone	9.40	82	457527	18.831	ng/ul# 91
23) 2-Nitrophenol	9.59	139	117248	19.278	ng/ul# 80
24) 2,4-Dimethylphenol	9.65	107	255253	19.243	ng/ul 93
25) Bis(2-Chloroethoxy)methane	9.89	93	271052	19.062	ng/ul 95
27) 2,4-Dichlorophenol	10.12	162	220338	19.732	ng/ul# 91
28) Naphthalene	10.52	128	687478	19.332	ng/ul 99
30) 4-Chloroaniline	10.63	127	264959	24.631	ng/ul 90
31) Hexachlorobutadiene	10.80	225	153515	18.979	ng/ul 95
32) Caprolactam	11.40	113	69759m	19.546	ng/ul
33) 4-Chloro-3-methylphenol	11.76	107	244720	19.978	ng/ul 96
34) 2-Methylnaphthalene	12.13	142	514768	19.256	ng/ul 93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.50	216	306759	19.327	ng/ul	98
37) Hexachlorocyclopentadiene	12.48	237	181345	17.359	ng/ul	97
38) 2,4,6-Trichlorophenol	12.76	196	198649	20.076	ng/ul	97
39) 2,4,5-Trichlorophenol	12.83	196	213848	20.346	ng/ul	98
40) 1,1'-Biphenyl	13.16	154	706407	19.002	ng/ul	99
41) 2-Chloronaphthalene	13.20	162	558825	19.161	ng/ul	99
42) 2-Nitroaniline	13.41	65	170261	19.926	ng/ul	91
44) Dimethylphthalate	13.79	163	717264	19.159	ng/ul	98
45) 2,6-Dinitrotoluene	13.92	165	150383	19.696	ng/ul	97
47) Acenaphthylene	14.05	152	874211	19.557	ng/ul	98
48) 3-Nitroaniline	14.25	138	146751	21.503	ng/ul#	83
49) Acenaphthene	14.39	153	586628	19.265	ng/ul	98
50) 2,4-Dinitrophenol	14.45	184	64525	15.271	ng/ul	91
52) 4-Nitrophenol	14.56	109	123225	18.470	ng/ul	86
53) Dibenzofuran	14.73	168	860030	19.132	ng/ul	98
54) 2,4-Dinitrotoluene	14.70	165	223490	20.122	ng/ul	89
55) 2,3,4,6-Tetrachlorophenol	14.96	232	198745	20.623	ng/ul	93
56) Diethylphthalate	15.16	149	727128	19.365	ng/ul	95
58) Fluorene	15.38	166	723954	19.468	ng/ul	97
59) 4-Chlorophenyl-phenylether	15.38	204	384536	19.052	ng/ul	98
60) 4-Nitroaniline	15.41	138	169548	21.056	ng/ul	94
63) 4,6-Dinitro-2-methylphenol	15.47	198	118489	17.228	ng/ul#	93
64) N-Nitrosodiphenylamine	15.60	169	613704	19.042	ng/ul	99
65) 4-Bromophenyl-phenylether	16.27	248	251719	19.572	ng/ul	98
66) Hexachlorobenzene	16.39	284	266247	18.772	ng/ul#	93
67) Atrazine	16.55	200	238778	20.073	ng/ul#	88
68) Pentachlorophenol	16.73	266	153660	18.732	ng/ul	97
69) Phenanthrene	17.12	178	1199794	19.303	ng/ul	99
71) Anthracene	17.21	178	1213857	19.106	ng/ul	99
72) Carbazole	17.49	167	1055448	19.314	ng/ul	99
73) Di-n-butylphthalate	18.05	149	1279359	20.054	ng/ul	99
74) Fluoranthene	19.14	202	1459533	19.161	ng/ul#	91
77) Pyrene	19.50	202	1501471	21.128	ng/ul#	92
78) Butylbenzylphthalate	20.42	149	603849	21.747	ng/ul	92
79) 3,3'-Dichlorobenzidine	21.19	252	443360	18.030	ng/ul	95
80) Benzo(a)anthracene	21.25	228	1463312	19.717	ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.19	149	878050	20.980	ng/ul	98
82) Chrysene	21.30	228	1336860	19.416	ng/ul	99
84) Di-n-octyl phthalate	22.07	149	1406327	20.836	ng/ul	99
85) Benzo(b)fluoranthene	22.83	252	1297213	20.274	ng/ul#	97
86) Benzo(k)fluoranthene	22.87	252	1185517	19.688	ng/ul#	98
88) Benzo(a)pyrene	23.40	252	1131530	19.686	ng/ul#	97
89) Indeno(1,2,3-cd)pyrene	25.73	276	1158446	20.313	ng/ul#	95
90) Dibenzo(a,h)anthracene	25.74	278	978998	20.160	ng/ul#	97
91) Benzo(g,h,i)perylene	26.41	276	927934	20.628	ng/ul#	95

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

