

Data Path : Z:\HPCHEM1\BNA M\DATA\BM112017\
 Data File : BM013051.D
 Acq On : 20 Nov 2017 19:41
 Operator : SJ/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD02041

Manual Integrations
 APPROVED

mohammad
 11/21/2017 8:08:07 AM

Quant Time: Nov 21 01:11:45 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM111617.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Nov 20 17:14:21 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	208273	20.00	ng/ul	0.00
18) Naphthalene-d8	10.50	136	911874	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.36	164	572889	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.10	188	1373968	20.00	ng/ul	0.00
75) Chrysene-d12	21.29	240	1492736	20.00	ng/ul	0.00
83) Perylene-d12	23.52	264	1371569	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.25	96	26031	5.79	ng/uL	0.00
5) Phenol-d5	6.89	99	298187	16.53	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.06	67	169841	16.59	ng/ul	0.00
9) 2-Chlorophenol-d4	7.25	132	231525	16.06	ng/ul	0.00
13) 4-Methylphenol-d8	8.42	113	253176	17.13	ng/ul	0.00
19) Nitrobenzene-d5	8.87	128	124090	19.09	ng/ul	0.00
22) 2-Nitrophenol-d4	9.59	143	127315	20.59	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.12	165	267126	17.02	ng/ul	0.00
29) 4-Chloroaniline-d4	10.63	131	299060	18.23	ng/ul	0.00
43) Dimethylphthalate-d6	13.77	166	857362	17.06	ng/ul	0.00
46) Acenaphthylene-d8	14.05	160	1054484	16.47	ng/ul	0.00
51) 4-Nitrophenol-d4	14.56	143	150361	19.73	ng/ul	0.00
57) Fluorene-d10	15.35	176	723526	16.94	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.47	200	130595	21.92	ng/ul	0.00
70) Anthracene-d10	17.20	188	1148422	16.33	ng/ul	0.00
76) Pyrene-d10	19.50	212	1291586	16.94	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.37	264	1161087	16.69	ng/ul	0.00

Target Compounds

					Ovalue
2) 1,4-Dioxane	3.29	88	28987m	5.87	ng/uL
4) Benzaldehyde	6.86	77	149869	15.41	ng/ul
6) Phenol	6.92	94	291295	16.36	ng/ul#
8) Bis(2-Chloroethyl)ether	7.15	93	222969	16.63	ng/ul
10) 2-Chlorophenol	7.28	128	232176	16.27	ng/ul
11) 2-Methylphenol	8.16	108	227934	16.86	ng/ul
12) 2,2'-oxybis(1-Chloropropan	8.25	45	246353	16.20	ng/ul#
14) Acetophenone	8.53	105	394767	17.43	ng/ul
15) N-Nitroso-di-n-propylamine	8.52	70	202808	17.46	ng/ul#
16) 4-Methylphenol	8.48	108	245274	17.09	ng/ul
17) Hexachloroethane	8.79	117	99656	16.49	ng/ul
20) Nitrobenzene	8.91	77	292398	18.01	ng/ul
21) Isophorone	9.43	82	560699	16.85	ng/ul
23) 2-Nitrophenol	9.62	139	135085	20.08	ng/ul#
24) 2,4-Dimethylphenol	9.68	107	296871	16.78	ng/ul
25) Bis(2-Chloroethoxy)methane	9.92	93	321411	16.83	ng/ul
27) 2,4-Dichlorophenol	10.15	162	247341	16.96	ng/ul#
28) Naphthalene	10.55	128	787619	16.76	ng/ul
30) 4-Chloroaniline	10.66	127	292644	18.60	ng/ul
31) Hexachlorobutadiene	10.83	225	168233	16.02	ng/ul
32) Caprolactam	11.42	113	85337m	18.64	ng/ul
33) 4-Chloro-3-methylphenol	11.79	107	273495	17.61	ng/ul
34) 2-Methylnaphthalene	12.16	142	589012	17.13	ng/ul

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.53	216	334530	16.05	ng/ul#	98
37) Hexachlorocyclopentadiene	12.52	237	238908	15.50	ng/ul	96
38) 2,4,6-Trichlorophenol	12.78	196	213105	16.97	ng/ul	94
39) 2,4,5-Trichlorophenol	12.85	196	225262	17.16	ng/ul	98
40) 1,1'-Biphenyl	13.19	154	790890	16.39	ng/ul	97
41) 2-Chloronaphthalene	13.23	162	616194	16.11	ng/ul	98
42) 2-Nitroaniline	13.43	65	187291	23.05	ng/ul	90
44) Dimethylphthalate	13.82	163	829169	17.26	ng/ul	100
45) 2,6-Dinitrotoluene	13.94	165	163213	22.26	ng/ul	93
47) Acenaphthylene	14.07	152	967315	16.40	ng/ul	98
48) 3-Nitroaniline	14.26	138	152863	22.26	ng/ul	85
49) Acenaphthene	14.42	153	648061	16.35	ng/ul	97
50) 2,4-Dinitrophenol	14.47	184	83077	23.67	ng/ul	98
52) 4-Nitrophenol	14.57	109	136262	19.73	ng/ul	80
53) Dibenzofuran	14.76	168	952226	16.77	ng/ul	98
54) 2,4-Dinitrotoluene	14.72	165	241300	23.53	ng/ul	86
55) 2,3,4,6-Tetrachlorophenol	14.98	232	204270	18.58	ng/ul#	90
56) Diethylphthalate	15.19	149	829485	17.07	ng/ul	94
58) Fluorene	15.41	166	780916	16.70	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.41	204	417801	16.91	ng/ul	96
60) 4-Nitroaniline	15.43	138	175152	19.39	ng/ul	96
63) 4,6-Dinitro-2-methylphenol	15.49	198	137823	21.30	ng/ul#	88
64) N-Nitrosodiphenylamine	15.62	169	695379	16.12	ng/ul	99
65) 4-Bromophenyl-phenylether	16.30	248	272242	16.36	ng/ul	95
66) Hexachlorobenzene	16.40	284	294756	16.41	ng/ul#	91
67) Atrazine	16.57	200	270735	16.39	ng/ul	91
68) Pentachlorophenol	16.75	266	160174	17.29	ng/ul	97
69) Phenanthrene	17.14	178	1295401	16.76	ng/ul	98
71) Anthracene	17.23	178	1303709	16.26	ng/ul	99
72) Carbazole	17.50	167	1141812	16.47	ng/ul	99
73) Di-n-butylphthalate	18.08	149	1434738	16.24	ng/ul	98
74) Fluoranthene	19.16	202	1549799	16.59	ng/ul#	92
77) Pyrene	19.53	202	1585914	17.06	ng/ul#	93
78) Butylbenzylphthalate	20.44	149	648318	16.79	ng/ul	92
79) 3,3'-Dichlorobenzidine	21.21	252	554067	18.06	ng/ul#	96
80) Benzo(a)anthracene	21.27	228	1559827	16.33	ng/ul	100
81) Bis(2-ethylhexyl)phthalate	21.22	149	967912	17.00	ng/ul#	97
82) Chrysene	21.32	228	1431846	16.16	ng/ul	97
84) Di-n-octyl phthalate	22.10	149	1552137	17.17	ng/ul	100
85) Benzo(b)fluoranthene	22.85	252	1512927	17.07	ng/ul#	97
86) Benzo(k)fluoranthene	22.90	252	1367643	16.76	ng/ul#	98
88) Benzo(a)pyrene	23.42	252	1361373	16.49	ng/ul#	96
89) Indeno(1,2,3-cd)pyrene	25.77	276	1459150	15.13	ng/ul#	94
90) Dibenzo(a,h)anthracene	25.78	278	1241084	15.19	ng/ul#	96
91) Benzo(g,h,i)perylene	26.45	276	1187423	14.82	ng/ul#	96

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

