

Data Path : Z:\HPCHEM1\BNA M\DATA\BM112217\
 Data File : BM013087.D
 Acq On : 22 Nov 2017 16:09
 Operator : SJ/JU
 Sample : SSTDC0020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleID :
 SSTD02045

Quant Time: Nov 23 04:30:22 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM111617.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Nov 23 04:27:33 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	210162	20.00	ng/ul	0.00
18) Naphthalene-d8	10.49	136	881489	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.35	164	490542	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.10	188	994036	20.00	ng/ul	0.00
75) Chrysene-d12	21.28	240	895272	20.00	ng/ul	0.00
83) Perylene-d12	23.51	264	832988	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.25	96	31731	6.99	ng/uL	0.00
5) Phenol-d5	6.89	99	322479	17.72	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.05	67	194634	18.84	ng/ul	0.00
9) 2-Chlorophenol-d4	7.25	132	257682	17.71	ng/ul	0.00
13) 4-Methylphenol-d8	8.42	113	268644	18.02	ng/ul	0.00
19) Nitrobenzene-d5	8.87	128	132421	21.08	ng/ul	0.00
22) 2-Nitrophenol-d4	9.58	143	137597	23.03	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.12	165	280971	18.52	ng/ul	0.00
29) 4-Chloroaniline-d4	10.63	131	338091	21.31	ng/ul	0.00
43) Dimethylphthalate-d6	13.77	166	752811	17.50	ng/ul	0.00
46) Acenaphthylene-d8	14.04	160	1002165	18.28	ng/ul	0.00
51) 4-Nitrophenol-d4	14.56	143	107800	16.52	ng/ul	0.00
57) Fluorene-d10	15.34	176	638793	17.47	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.47	200	94492	21.92	ng/ul	0.00
70) Anthracene-d10	17.20	188	920867	18.10	ng/ul	0.00
76) Pyrene-d10	19.49	212	900810	19.70	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.37	264	778747	18.44	ng/ul	0.00

Target Compounds

					Ovalue	
2) 1,4-Dioxane	3.28	88	34898	7.001	ng/uL#	62
4) Benzaldehyde	6.86	77	225849	23.021	ng/ul	89
6) Phenol	6.92	94	328210	18.267	ng/ul#	85
8) Bis(2-Chloroethyl)ether	7.15	93	251974	18.626	ng/ul	99
10) 2-Chlorophenol	7.28	128	268153	18.621	ng/ul	98
11) 2-Methylphenol	8.16	108	249697	18.309	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.25	45	266601	17.371	ng/ul#	83
14) Acetophenone	8.53	105	425058	18.599	ng/ul	88
15) N-Nitroso-di-n-propylamine	8.52	70	214494	18.300	ng/ul#	67
16) 4-Methylphenol	8.49	108	268421	18.534	ng/ul	96
17) Hexachloroethane	8.78	117	118651	19.455	ng/ul#	75
20) Nitrobenzene	8.90	77	328544	20.931	ng/ul	98
21) Isophorone	9.43	82	575396	17.889	ng/ul#	92
23) 2-Nitrophenol	9.62	139	146897	22.588	ng/ul#	81
24) 2,4-Dimethylphenol	9.68	107	322341	18.842	ng/ul	91
25) Bis(2-Chloroethoxy)methane	9.92	93	346127	18.754	ng/ul	96
27) 2,4-Dichlorophenol	10.15	162	269536	19.121	ng/ul#	86
28) Naphthalene	10.55	128	866572	19.079	ng/ul	99
30) 4-Chloroaniline	10.66	127	332585	21.871	ng/ul	96
31) Hexachlorobutadiene	10.83	225	205224	20.219	ng/ul	92
32) Caprolactam	11.43	113	72119	16.293	ng/ul#	35
33) 4-Chloro-3-methylphenol	11.79	107	270939	18.045	ng/ul	96
34) 2-Methylnaphthalene	12.16	142	652195	19.626	ng/ul	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.53	216	362440	20.313	ng/ul	96
37) Hexachlorocyclopentadiene	12.51	237	210939	15.985	ng/ul	97
38) 2,4,6-Trichlorophenol	12.78	196	225052	20.929	ng/ul	98
39) 2,4,5-Trichlorophenol	12.85	196	227846	20.265	ng/ul	96
40) 1,1'-Biphenyl	13.18	154	826062	19.987	ng/ul	95
41) 2-Chloronaphthalene	13.22	162	647117	19.755	ng/ul	100
42) 2-Nitroaniline	13.43	65	170586	24.520	ng/ul	88
44) Dimethylphthalate	13.82	163	741334	18.017	ng/ul	99
45) 2,6-Dinitrotoluene	13.93	165	152403	24.275	ng/ul#	96
47) Acenaphthylene	14.07	152	955621	18.921	ng/ul	98
48) 3-Nitroaniline	14.26	138	141744	24.105	ng/ul	86
49) Acenaphthene	14.42	153	640277	18.864	ng/ul	98
50) 2,4-Dinitrophenol	14.46	184	57388	19.094	ng/ul	90
52) 4-Nitrophenol	14.57	109	112779	19.070	ng/ul#	83
53) Dibenzofuran	14.75	168	924327	19.012	ng/ul	98
54) 2,4-Dinitrotoluene	14.72	165	206060	23.464	ng/ul#	83
55) 2,3,4,6-Tetrachlorophenol	14.98	232	188989	20.072	ng/ul#	92
56) Diethylphthalate	15.19	149	731923	17.594	ng/ul	94
58) Fluorene	15.40	166	748012	18.681	ng/ul	98
59) 4-Chlorophenyl-phenylether	15.40	204	393502	18.603	ng/ul	98
60) 4-Nitroaniline	15.43	138	140864	18.216	ng/ul	93
63) 4,6-Dinitro-2-methylphenol	15.48	198	100896	21.554	ng/ul	96
64) N-Nitrosodiphenylamine	15.62	169	624629	20.015	ng/ul	99
65) 4-Bromophenyl-phenylether	16.30	248	245630	20.402	ng/ul	97
66) Hexachlorobenzene	16.40	284	255150	19.636	ng/ul	92
67) Atrazine	16.57	200	222576	18.620	ng/ul	95
68) Pentachlorophenol	16.75	266	115909	17.296	ng/ul	93
69) Phenanthrene	17.14	178	1077762	19.276	ng/ul	97
71) Anthracene	17.23	178	1104437	19.038	ng/ul	99
72) Carbazole	17.50	167	861768	17.178	ng/ul	99
73) Di-n-butylphthalate	18.07	149	1083188	16.950	ng/ul	98
74) Fluoranthene	19.16	202	1137500	16.832	ng/ul#	94
77) Pyrene	19.52	202	1195641	21.448	ng/ul#	94
78) Butylbenzylphthalate	20.43	149	426541	18.415	ng/ul	93
79) 3,3'-Dichlorobenzidine	21.20	252	367105	19.951	ng/ul#	94
80) Benzo(a)anthracene	21.27	228	1076147	18.782	ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.21	149	620100	18.164	ng/ul	99
82) Chrysene	21.32	228	956255	17.998	ng/ul	99
84) Di-n-octyl phthalate	22.09	149	999974	18.217	ng/ul	100
85) Benzo(b)fluoranthene	22.84	252	1070914	19.894	ng/ul#	99
86) Benzo(k)fluoranthene	22.89	252	950262	19.174	ng/ul#	96
88) Benzo(a)pyrene	23.41	252	951505	18.980	ng/ul#	96
89) Indeno(1,2,3-cd)pyrene	25.75	276	1137970	19.433	ng/ul#	94
90) Dibenzo(a,h)anthracene	25.77	278	961074	19.374	ng/ul#	96
91) Benzo(g,h,i)perylene	26.44	276	942527	19.371	ng/ul#	94

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

