

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA M\DATA\BM091417\
 Data File : BM011562.D
 Acq On : 15 Sep 2017 03:55
 Operator : SJ/JU
 Sample : SSTDC0020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleID :
 SSTD02019

Manual Integrations
 APPROVED

Sohil
 9/15/2017 5:46:50 PM

Quant Time: Sep 15 12:22:48 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM090817MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Sep 15 02:27:08 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.97	152	379069	20.00	ng/ul	0.00
18) Naphthalene-d8	10.78	136	1769603	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.60	164	1036789	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.34	188	2321455	20.00	ng/ul	0.00
78) Chrysene-d12	21.50	240	2722430	20.00	ng/ul	0.00
86) Perylene-d12	23.88	264	2415751	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.39	96	68754	8.16	ng/uL	0.00
5) Phenol-d5	7.12	99	731836	20.11	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.29	67	524804	21.39	ng/ul	0.00
9) 2-Chlorophenol-d4	7.50	132	553315	20.17	ng/ul	0.00
13) 4-Methylphenol-d8	8.67	113	575061	20.24	ng/ul	0.00
19) Nitrobenzene-d5	9.13	128	269953	20.10	ng/ul	0.00
22) 2-Nitrophenol-d4	9.86	143	276782	19.82	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.39	165	560128	19.93	ng/ul	0.00
29) 4-Chloroaniline-d4	10.91	131	718323	23.15	ng/ul	0.00
44) Dimethylphthalate-d6	14.00	166	1713893	19.55	ng/ul	0.00
47) Acenaphthylene-d8	14.30	160	2144362	20.23	ng/ul	0.00
52) 4-Nitrophenol-d4	14.79	143	303738	18.44	ng/ul	0.00
58) Fluorene-d10	15.59	176	1512086	19.92	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.70	200	230575	17.07	ng/ul	0.00
71) Anthracene-d10	17.44	188	2319682	20.29	ng/ul	0.00
79) Pyrene-d10	19.72	212	2542248	19.94	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.73	264	2327783	20.22	ng/ul	0.00

Target Compounds

					Ovalue	
2) 1,4-Dioxane	3.43	88	76299	8.260	ng/uL#	69
4) Benzaldehyde	7.11	77	413945	19.902	ng/ul	96
6) Phenol	7.15	94	729686	20.195	ng/ul	96
8) Bis(2-Chloroethyl)ether	7.39	93	580319	20.402	ng/ul#	82
10) 2-Chlorophenol	7.53	128	546895	20.437	ng/ul#	90
11) 2-Methylphenol	8.40	108	545909	19.927	ng/ul	92
12) 2,2'-oxybis(1-Chloropropan	8.50	45	1060739	23.007	ng/ul#	92
14) Acetophenone	8.79	105	890704	20.507	ng/ul#	91
15) N-Nitroso-di-n-propylamine	8.77	70	502305	21.552	ng/ul#	74
16) 4-Methylphenol	8.73	108	601908	20.080	ng/ul	92
17) Hexachloroethane	9.06	117	210401	20.567	ng/ul	82
20) Nitrobenzene	9.17	77	676804	21.426	ng/ul	97
21) Isophorone	9.70	82	1314977	20.676	ng/ul#	96
23) 2-Nitrophenol	9.89	139	295740	20.156	ng/ul#	88
24) 2,4-Dimethylphenol	9.94	107	637384	20.302	ng/ul	94
25) Bis(2-Chloroethoxy)methane	10.18	93	828008	19.967	ng/ul	97
27) 2,4-Dichlorophenol	10.42	162	530319	19.566	ng/ul	97
28) Naphthalene	10.83	128	1820208	19.836	ng/ul	98
30) 4-Chloroaniline	10.93	127	681448	23.118	ng/ul	99
31) Hexachlorobutadiene	11.10	225	305953	19.889	ng/ul	99
32) Caprolactam	11.72	113	124605m	14.605	ng/ul	
33) 4-Chloro-3-methylphenol	12.05	107	583205	20.296	ng/ul	94
34) 2-Methylnaphthalene	12.43	142	1353214	19.858	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.65	142	1282322	19.757	ng/ul#	95
37) 1,2,4,5-Tetrachlorobenzene	12.80	216	623431	20.271	ng/ul#	95
38) Hexachlorocyclopentadiene	12.77	237	312919	18.152	ng/ul	98
39) 2,4,6-Trichlorophenol	13.03	196	408775	19.522	ng/ul	98
40) 2,4,5-Trichlorophenol	13.10	196	413526	19.477	ng/ul	99
41) 1,1'-Biphenyl	13.43	154	1723497	19.977	ng/ul#	94
42) 2-Chloronaphthalene	13.48	162	1293924	19.932	ng/ul	98
43) 2-Nitroaniline	13.69	65	449879	22.313	ng/ul#	81
45) Dimethylphthalate	14.05	163	1629228	19.414	ng/ul#	98
46) 2,6-Dinitrotoluene	14.17	165	296964	20.037	ng/ul	90
48) Acenaphthylene	14.33	152	2168343	20.323	ng/ul	100
49) 3-Nitroaniline	14.50	138	338685	18.533	ng/ul	100
50) Acenaphthene	14.67	153	1451505	20.135	ng/ul	100
51) 2,4-Dinitrophenol	14.71	184	136006	14.853	ng/ul#	64
53) 4-Nitrophenol	14.80	109	212064	20.031	ng/ul#	59
54) Dibenzofuran	15.00	168	2020674	20.039	ng/ul	98
55) 2,4-Dinitrotoluene	14.96	165	433278	19.887	ng/ul#	67
56) 2,3,4,6-Tetrachlorophenol	15.22	232	381371	19.709	ng/ul#	81
57) Diethylphthalate	15.41	149	1698124	19.445	ng/ul	97
59) Fluorene	15.64	166	1723741	20.397	ng/ul	100
60) 4-Chlorophenyl-phenylether	15.63	204	804346	20.313	ng/ul	90
61) 4-Nitroaniline	15.66	138	359993	18.389	ng/ul	90
64) 4,6-Dinitro-2-methylphenol	15.72	198	241162	17.423	ng/ul#	85
65) N-Nitrosodiphenylamine	15.85	169	1415513	20.018	ng/ul	99
66) 4-Bromophenyl-phenylether	16.53	248	465038	19.613	ng/ul#	92
67) Hexachlorobenzene	16.64	284	507495	19.444	ng/ul#	88
68) Atrazine	16.79	200	470087	19.187	ng/ul	97
69) Pentachlorophenol	16.99	266	294529	17.574	ng/ul	98
70) Phenanthrene	17.39	178	2635300	20.366	ng/ul	99
72) Anthracene	17.47	178	2746421	20.684	ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	13.40	216	626576	20.255	ng/uL	98
74) Pentachlorobenzene	14.92	250	622438	19.839	ng/uL	98
75) Carbazole	17.74	167	2415473	21.323	ng/ul	98
76) Di-n-butylphthalate	18.29	149	3040349	20.434	ng/ul	99
77) Fluoranthene	19.39	202	3010552	22.620	ng/ul#	88
80) Pvrene	19.75	202	3257024	20.505	ng/ul#	84
81) Butylbenzylphthalate	20.63	149	1381909	18.918	ng/ul#	92
82) 3,3'-Dichlorobenzidine	21.42	252	935415	18.920	ng/ul#	98
83) Benzo(a)anthracene	21.49	228	3116957	20.794	ng/ul	100
84) Bis(2-ethylhexyl)phthalate	21.40	149	2137946	19.058	ng/ul#	96
85) Chrysene	21.54	228	2780029	20.457	ng/ul	100
87) Di-n-octyl phthalate	22.31	149	3692986	21.540	ng/ul	100
88) Benzo(b)fluoranthene	23.16	252	2999758	20.641	ng/ul#	96
89) Benzo(k)fluoranthene	23.20	252	2813659	20.159	ng/ul#	96
91) Benzo(a)pyrene	23.77	252	2797098	20.391	ng/ul#	96
92) Indeno(1,2,3-cd)pyrene	26.31	276	2910747	19.290	ng/ul#	86
93) Dibenzo(a,h)anthracene	26.32	278	2468926	19.296	ng/ul#	94
94) Benzo(a,h,i)perylene	27.06	276	2314035	18.936	ng/ul#	90

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

