

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN070918\
 Data File : BN002005.D
 Acq On : 09 Jul 2018 19:10
 Operator : JU/SJ
 Sample : SSTDC0020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleID :
 SSTD02094

Manual Integrations
 APPROVED

Sohil
 7/10/2018 2:55:23 PM

Quant Time: Jul 10 02:13:12 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061918.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jul 10 01:03:06 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	379342	20.00	ng/ul	0.00
18) Naphthalene-d8	10.48	136	1851267	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.33	164	1175535	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.08	188	2780815	20.00	ng/ul	0.00
75) Chrysene-d12	21.28	240	3082822	20.00	ng/ul	-0.02
83) Perylene-d12	23.52	264	3305353	20.00	ng/ul	-0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.26	96	65491m	7.50	ng/uL	0.00
5) Phenol-d5	6.88	99	704593	20.52	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.05	67	437248	20.64	ng/ul	0.00
9) 2-Chlorophenol-d4	7.25	132	551072	20.25	ng/ul	0.00
13) 4-Methylphenol-d8	8.41	113	576084	20.95	ng/ul	0.00
19) Nitrobenzene-d5	8.85	128	283159	20.59	ng/ul	0.00
22) 2-Nitrophenol-d4	9.57	143	314593	22.11	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.10	165	600675	19.77	ng/ul	0.00
29) 4-Chloroaniline-d4	10.62	131	807774	25.68	ng/ul	0.00
43) Dimethylphthalate-d6	13.75	166	1889340	19.03	ng/ul	0.00
46) Acenaphthylene-d8	14.03	160	2374945	19.38	ng/ul	0.00
51) 4-Nitrophenol-d4	14.55	143	367750	20.11	ng/ul	0.00
57) Fluorene-d10	15.33	176	1660046	19.08	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.46	200	310512	20.50	ng/ul	0.00
70) Anthracene-d10	17.18	188	2606424	19.40	ng/ul	0.00
76) Pyrene-d10	19.48	212	2984987	19.21	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.37	264	3486897	19.40	ng/ul	-0.02

Target Compounds

					Ovalue
2) 1,4-Dioxane	3.30	88	63580	7.065 ng/uL#	73
4) Benzaldehyde	6.86	77	451473	21.541 ng/ul	92
6) Phenol	6.91	94	710510	20.523 ng/ul	100
8) Bis(2-Chloroethyl)ether	7.14	93	552517	20.588 ng/ul	95
10) 2-Chlorophenol	7.28	128	550803	19.993 ng/ul	100
11) 2-Methylphenol	8.15	108	548863	20.727 ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.23	45	909971	21.615 ng/ul#	93
14) Acetophenone	8.52	105	905346	21.437 ng/ul	97
15) N-Nitroso-di-n-propylamine	8.51	70	477434	21.920 ng/ul	92
16) 4-Methylphenol	8.48	108	606857	21.031 ng/ul	96
17) Hexachloroethane	8.78	117	216072	19.891 ng/ul	84
20) Nitrobenzene	8.90	77	676033	20.032 ng/ul	93
21) Isophorone	9.42	82	1354290	20.434 ng/ul	98
23) 2-Nitrophenol	9.60	139	334192	21.555 ng/ul	93
24) 2,4-Dimethylphenol	9.66	107	689247	19.753 ng/ul	95
25) Bis(2-Chloroethoxy)methane	9.90	93	815380	19.531 ng/ul	97
27) 2,4-Dichlorophenol	10.13	162	581801	19.715 ng/ul	98
28) Naphthalene	10.53	128	1892588	19.266 ng/ul	99
30) 4-Chloroaniline	10.64	127	796757	25.637 ng/ul	99
31) Hexachlorobutadiene	10.82	225	338608	18.790 ng/ul	97
32) Caprolactam	11.39	113	220176m	21.425 ng/ul	
33) 4-Chloro-3-methylphenol	11.77	107	664506	20.428 ng/ul	94
34) 2-Methylnaphthalene	12.15	142	1403094	19.691 ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.52	216	710900	18.619	ng/ul#	95
37) Hexachlorocyclopentadiene	12.50	237	411625	17.682	ng/ul#	99
38) 2,4,6-Trichlorophenol	12.76	196	492543	19.779	ng/ul	98
39) 2,4,5-Trichlorophenol	12.83	196	523067	19.726	ng/ul	99
40) 1,1'-Biphenyl	13.17	154	1844050	18.885	ng/ul#	95
41) 2-Chloronaphthalene	13.20	162	1436565	18.847	ng/ul	98
42) 2-Nitroaniline	13.41	65	458938	21.582	ng/ul	95
44) Dimethylphthalate	13.80	163	1868555	19.151	ng/ul	98
45) 2,6-Dinitrotoluene	13.92	165	389709	21.154	ng/ul	97
47) Acenaphthylene	14.06	152	2294397	19.396	ng/ul	99
48) 3-Nitroaniline	14.25	138	412907	23.346	ng/ul	95
49) Acenaphthene	14.40	153	1576545	19.213	ng/ul	98
50) 2,4-Dinitrophenol	14.45	184	198988	21.052	ng/ul#	91
52) 4-Nitrophenol	14.56	109	264650	19.462	ng/ul#	71
53) Dibenzofuran	14.74	168	2237810	19.009	ng/ul	96
54) 2,4-Dinitrotoluene	14.70	165	583801	21.314	ng/ul	92
55) 2,3,4,6-Tetrachlorophenol	14.96	232	470691	20.112	ng/ul#	83
56) Diethylphthalate	15.17	149	1904869	19.265	ng/ul	97
58) Fluorene	15.39	166	1808188	19.252	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.39	204	900901	19.147	ng/ul	92
60) 4-Nitroaniline	15.41	138	464435	21.270	ng/ul	88
63) 4,6-Dinitro-2-methylphenol	15.47	198	331436	20.616	ng/ul	98
64) N-Nitrosodiphenylamine	15.60	169	1607262	19.327	ng/ul	99
65) 4-Bromophenyl-phenylether	16.28	248	574284	19.012	ng/ul	95
66) Hexachlorobenzene	16.39	284	641972	18.870	ng/ul#	92
67) Atrazine	16.56	200	600128	19.786	ng/ul	99
68) Pentachlorophenol	16.73	266	372301	19.789	ng/ul	96
69) Phenanthrene	17.13	178	3008904	19.208	ng/ul	100
71) Anthracene	17.22	178	3099200	19.545	ng/ul	98
72) Carbazole	17.49	167	2799026	21.073	ng/ul	99
73) Di-n-butylphthalate	18.06	149	3421870	20.402	ng/ul	99
74) Fluoranthene	19.15	202	3655623	22.201	ng/ul#	89
77) Pyrene	19.51	202	3719438	19.280	ng/ul#	86
78) Butylbenzylphthalate	20.42	149	1687113	20.494	ng/ul	95
79) 3,3'-Dichlorobenzidine	21.20	252	1368533	23.393	ng/ul#	98
80) Benzo(a)anthracene	21.26	228	3805599	19.532	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.21	149	2491661	20.297	ng/ul	99
82) Chrysene	21.32	228	3545958	19.560	ng/ul	99
84) Di-n-octyl phthalate	22.09	149	4423090	20.178	ng/ul	100
85) Benzo(b)fluoranthene	22.84	252	4014078	19.228	ng/ul#	95
86) Benzo(k)fluoranthene	22.89	252	3701826	18.286	ng/ul#	95
88) Benzo(a)pyrene	23.42	252	3774974	19.350	ng/ul#	96
89) Indeno(1,2,3-cd)pyrene	25.74	276	4095096	19.727	ng/ul#	87
90) Dibenzo(a,h)anthracene	25.76	278	3441541	19.920	ng/ul#	94
91) Benzo(g,h,i)perylene	26.43	276	3298338	19.262	ng/ul#	91

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

