

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN012319\
 Data File : BN004339.D
 Acq On : 23 Jan 2019 14:14
 Operator : JU/SJ
 Sample : SSTDC0020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleID :
 SSTD02066

Manual Integrations
 APPROVED

Sohil
 1/24/2019 1:08:41 PM

Quant Time: Jan 23 17:13:48 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN010919MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jan 09 12:45:02 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	72537	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.55	136	310918	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.40	164	171754	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.15	188	372314	20.00	ng/ul	0.00
77) Chrysene-d12	21.34	240	360230	20.00	ng/ul	0.00
85) Perylene-d12	23.63	264	351264	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.26	96	11290	7.80	ng/uL	0.00
5) Phenol-d5	6.91	99	119346	20.32	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.09	67	64662	20.57	ng/ul	-0.01
9) 2-Chlorophenol-d4	7.28	132	106011	20.59	ng/ul	-0.01
13) 4-Methylphenol-d8	8.45	113	96428	20.10	ng/ul	0.00
19) Nitrobenzene-d5	8.92	128	48021	22.73	ng/ul	0.00
22) 2-Nitrophenol-d4	9.63	143	48882	21.98	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	10.16	165	101912	20.44	ng/ul	0.00
29) 4-Chloroaniline-d4	10.68	131	91601	20.75	ng/ul	0.00
43) Dimethylphthalate-d6	13.81	166	291824	19.89	ng/ul	0.00
46) Acenaphthylene-d8	14.09	160	370016	20.63	ng/ul	0.00
51) 4-Nitrophenol-d4	14.59	143	49792	18.87	ng/ul	0.00
57) Fluorene-d10	15.39	176	252529	19.98	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.51	200	40589	18.99	ng/ul	0.00
70) Anthracene-d10	17.25	188	371931	20.59	ng/ul	0.00
78) Pyrene-d10	19.55	212	394651	22.24	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.48	264	391119	20.78	ng/ul	0.00

Target Compounds

					Ovalue
2) 1,4-Dioxane	3.29	88	12182	7.575	ng/uL 98
4) Benzaldehyde	6.90	77	20618	20.662	ng/ul 96
6) Phenol	6.94	94	118851	20.494	ng/ul 97
8) Bis(2-Chloroethyl)ether	7.19	93	90689	20.617	ng/ul 99
10) 2-Chlorophenol	7.32	128	104036	20.447	ng/ul 99
11) 2-Methylphenol	8.19	108	92818	20.185	ng/ul 99
12) 2,2'-oxybis(1-Chloropropan	8.28	45	108056	20.276	ng/ul 99
14) Acetophenone	8.58	105	146392	20.554	ng/ul 99
15) N-Nitroso-di-n-propylamine	8.56	70	64117	20.287	ng/ul 97
16) 4-Methylphenol	8.52	108	98603	20.231	ng/ul 99
17) Hexachloroethane	8.82	117	39448	20.310	ng/ul 97
20) Nitrobenzene	8.96	77	99249	21.590	ng/ul 98
21) Isophorone	9.48	82	188147	19.880	ng/ul 99
23) 2-Nitrophenol	9.66	139	53901	21.810	ng/ul 100
24) 2,4-Dimethylphenol	9.71	107	111194	20.476	ng/ul 99
25) Bis(2-Chloroethoxy)methane	9.96	93	121237	20.701	ng/ul 100
27) 2,4-Dichlorophenol	10.19	162	99669	20.686	ng/ul 99
28) Naphthalene	10.59	128	330989	20.453	ng/ul 99
30) 4-Chloroaniline	10.70	127	93245	21.030	ng/ul 99
31) Hexachlorobutadiene	10.86	225	68434	20.677	ng/ul 99
32) Caprolactam	11.47	113	25718m	17.866	ng/ul
33) 4-Chloro-3-methylphenol	11.82	107	98870	19.953	ng/ul 98
34) 2-Methylnaphthalene	12.20	142	236050	20.153	ng/ul 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.57	216	129075	21.404	ng/ul	99
37) Hexachlorocyclopentadiene	12.55	237	80157	21.509	ng/ul	99
38) 2,4,6-Trichlorophenol	12.82	196	76908	21.208	ng/ul	99
39) 2,4,5-Trichlorophenol	12.88	196	84268	21.330	ng/ul	99
40) 1,1'-Biphenyl	13.23	154	301263	21.086	ng/ul	100
41) 2-Chloronaphthalene	13.27	162	234880	21.110	ng/ul	100
42) 2-Nitroaniline	13.48	65	49684	22.297	ng/ul	98
44) Dimethylphthalate	13.86	163	285430	20.015	ng/ul	100
45) 2,6-Dinitrotoluene	13.98	165	55188	21.754	ng/ul	96
47) Acenaphthylene	14.12	152	344046	20.517	ng/ul	100
48) 3-Nitroaniline	14.31	138	52716	21.413	ng/ul	100
49) Acenaphthene	14.46	153	244440	20.548	ng/ul	100
50) 2,4-Dinitrophenol	14.51	184	25217	17.235	ng/ul	97
52) 4-Nitrophenol	14.60	109	36674	18.562	ng/ul	95
53) Dibenzofuran	14.80	168	343288	20.378	ng/ul	98
54) 2,4-Dinitrotoluene	14.76	165	79065	21.117	ng/ul	97
55) 2,3,4,6-Tetrachlorophenol	15.02	232	71145	20.147	ng/ul	99
56) Diethylphthalate	15.22	149	279545	19.362	ng/ul	100
58) Fluorene	15.45	166	271842	20.185	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.45	204	145514	20.521	ng/ul	98
60) 4-Nitroaniline	15.47	138	58919	20.145	ng/ul	99
63) 4,6-Dinitro-2-methylphenol	15.52	198	43639	19.506	ng/ul	98
64) N-Nitrosodiphenylamine	15.66	169	235993	21.631	ng/ul	99
65) 4-Bromophenyl-phenylether	16.34	248	91033	21.441	ng/ul	99
66) Hexachlorobenzene	16.44	284	102339	21.060	ng/ul	96
67) Atrazine	16.61	200	81142	20.080	ng/ul	100
68) Pentachlorophenol	16.79	266	55403	18.830	ng/ul	98
69) Phenanthrene	17.19	178	422043	20.485	ng/ul	100
71) Anthracene	17.28	178	426592	20.660	ng/ul	100
72) 1,2,3,4-Tetrachlorobenzene	13.19	216	125798	22.988	ng/ul	99
73) Pentachlorobenzene	14.70	250	122715	22.318	ng/ul	99
74) Carbazole	17.55	167	368208	20.526	ng/ul	100
75) Di-n-butylphthalate	18.12	149	428139	19.777	ng/ul	100
76) Fluoranthene	19.21	202	476624	19.758	ng/ul	100
79) Pvrene	19.57	202	480297	22.290	ng/ul	100
80) Butylbenzylphthalate	20.49	149	173882	21.807	ng/ul	98
81) 3,3'-Dichlorobenzidine	21.27	252	143306	19.813	ng/ul	100
82) Benzo(a)anthracene	21.33	228	461988	20.512	ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.26	149	253246	21.186	ng/ul	98
84) Chrysene	21.38	228	432521	20.519	ng/ul	100
86) Di-n-octyl phthalate	22.16	149	411584	20.057	ng/ul	99
87) Benzo(b)fluoranthene	22.94	252	458269	21.323	ng/ul	100
88) Benzo(k)fluoranthene	22.98	252	424139	20.521	ng/ul	100
90) Benzo(a)pyrene	23.53	252	427214	20.943	ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.93	276	503405	21.376	ng/ul	100
92) Dibenzo(a,h)anthracene	25.95	278	419542	21.650	ng/ul	99
93) Benzo(g,h,i)perylene	26.64	276	418447	21.397	ng/ul	100

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

