

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091719\
 Data File : BN007698.D
 Acq On : 17 Sep 2019 17:01
 Operator : HP/JU
 Sample : SSTDC0020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD02012

Quant Time: Sep 18 01:34:07 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091619MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Sep 16 18:09:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	630450	20.00	ng/ul	0.00
18) Naphthalene-d8	10.47	136	2615594	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.33	164	1675072	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.07	188	3721494	20.00	ng/ul	0.00
77) Chrysene-d12	21.27	240	3693513	20.00	ng/ul	0.00
85) Perylene-d12	23.50	264	3853978	20.00	ng/ul	0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.26	96	121350	7.32	ng/uL	-0.01
5) Phenol-d5	6.87	99	1283260	21.37	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.03	67	690454	20.33	ng/ul	-0.01
9) 2-Chlorophenol-d4	7.23	132	952239	22.68	ng/ul	0.00
13) 4-Methylphenol-d8	8.40	113	984753	21.53	ng/ul	0.00
19) Nitrobenzene-d5	8.84	128	450941	23.63	ng/ul	0.00
22) 2-Nitrophenol-d4	9.56	143	459089	25.33	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.09	165	970545	22.81	ng/ul	0.00
29) 4-Chloroaniline-d4	10.60	131	1260765	22.85	ng/ul	0.00
43) Dimethylphthalate-d6	13.74	166	2807259	21.06	ng/ul	0.00
46) Acenaphthylene-d8	14.02	160	3553597	23.28	ng/ul	0.00
51) 4-Nitrophenol-d4	14.52	143	526495	22.21	ng/ul	0.00
57) Fluorene-d10	15.32	176	2453660	21.21	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.45	200	316428	15.76	ng/ul	0.00
70) Anthracene-d10	17.17	188	4029485	21.75	ng/ul	0.00
78) Pyrene-d10	19.47	212	4591195	23.08	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.36	264	4307339	21.48	ng/ul	0.01

Target Compounds

					Ovalue
2) 1,4-Dioxane	3.29	88	124979	7.377	ng/uL 93
4) Benzaldehyde	6.85	77	866282	25.713	ng/ul 98
6) Phenol	6.89	94	1339858	20.541	ng/ul 98
8) Bis(2-Chloroethyl)ether	7.13	93	941793	19.977	ng/ul 97
10) 2-Chlorophenol	7.26	128	961361	20.991	ng/ul 99
11) 2-Methylphenol	8.13	108	967885	20.926	ng/ul 98
12) 2,2'-oxybis(1-Chloropropan	8.23	45	1008791	19.750	ng/ul 98
14) Acetophenone	8.51	105	1507138	20.356	ng/ul 98
15) N-Nitroso-di-n-propylamine	8.50	70	810062	20.120	ng/ul 99
16) 4-Methylphenol	8.46	108	1035850	20.415	ng/ul 96
17) Hexachloroethane	8.77	117	368811	19.241	ng/ul 93
20) Nitrobenzene	8.88	77	1200968	21.175	ng/ul 98
21) Isophorone	9.40	82	2193968	20.250	ng/ul 99
23) 2-Nitrophenol	9.59	139	500194	23.651	ng/ul 96
24) 2,4-Dimethylphenol	9.65	107	1138791	20.641	ng/ul 98
25) Bis(2-Chloroethoxy)methane	9.89	93	1291566	20.095	ng/ul 99
27) 2,4-Dichlorophenol	10.12	162	933282	21.372	ng/ul 95
28) Naphthalene	10.52	128	2997391	20.322	ng/ul 99
30) 4-Chloroaniline	10.62	127	1244706	21.277	ng/ul 100
31) Hexachlorobutadiene	10.82	225	635109	20.391	ng/ul 99
32) Caprolactam	11.38	113	418157	27.577	ng/ul 95
33) 4-Chloro-3-methylphenol	11.76	107	1073900	21.229	ng/ul 100
34) 2-Methylnaphthalene	12.13	142	2187276	20.538	ng/ul 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.51	216	1276332	21.556	ng/ul	98
37) Hexachlorocyclopentadiene	12.50	237	529900	14.580	ng/ul	100
38) 2,4,6-Trichlorophenol	12.75	196	784171	23.620	ng/ul	98
39) 2,4,5-Trichlorophenol	12.82	196	858815	23.190	ng/ul	99
40) 1,1'-Biphenyl	13.16	154	2757348	20.284	ng/ul	98
41) 2-Chloronaphthalene	13.19	162	2228976	21.148	ng/ul	99
42) 2-Nitroaniline	13.40	65	682698	23.544	ng/ul	89
44) Dimethylphthalate	13.79	163	2725205	20.058	ng/ul	100
45) 2,6-Dinitrotoluene	13.90	165	568914	22.943	ng/ul	96
47) Acenaphthylene	14.05	152	3296370	20.458	ng/ul	100
48) 3-Nitroaniline	14.23	138	619495	25.312	ng/ul	94
49) Acenaphthene	14.39	153	2344300	20.725	ng/ul	99
50) 2,4-Dinitrophenol	14.43	184	191365	14.349	ng/ul	97
52) 4-Nitrophenol	14.54	109	405398	20.835	ng/ul	94
53) Dibenzofuran	14.73	168	3373449	20.560	ng/ul	98
54) 2,4-Dinitrotoluene	14.69	165	816438	21.965	ng/ul	95
55) 2,3,4,6-Tetrachlorophenol	14.96	232	760828	23.804	ng/ul	99
56) Diethylphthalate	15.16	149	2691306	19.906	ng/ul	100
58) Fluorene	15.38	166	2752194	20.845	ng/ul	98
59) 4-Chlorophenyl-phenylether	15.38	204	1479045	20.735	ng/ul	99
60) 4-Nitroaniline	15.39	138	679412	24.365	ng/ul	98
63) 4,6-Dinitro-2-methylphenol	15.46	198	333532	14.902	ng/ul	99
64) N-Nitrosodiphenylamine	15.59	169	2426143	20.799	ng/ul	100
65) 4-Bromophenyl-phenylether	16.27	248	948655	21.248	ng/ul	97
66) Hexachlorobenzene	16.39	284	1029771	21.343	ng/ul	94
67) Atrazine	16.55	200	1073578	22.666	ng/ul	99
68) Pentachlorophenol	16.73	266	577290	21.362	ng/ul	99
69) Phenanthrene	17.12	178	4528988	20.522	ng/ul	99
71) Anthracene	17.21	178	4609672	20.868	ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.12	216	1256793	21.358	ng/ul	97
73) Pentachlorobenzene	14.65	250	1286718	22.252	ng/ul	99
74) Carbazole	17.47	167	4140584	22.162	ng/ul	99
75) Di-n-butylphthalate	18.06	149	4760862	21.438	ng/ul	100
76) Fluoranthene	19.14	202	5562453	22.977	ng/ul	99
79) Pvrene	19.50	202	5567175	22.636	ng/ul	98
80) Butylbenzylphthalate	20.42	149	2207280	23.611	ng/ul	93
81) 3,3'-Dichlorobenzidine	21.19	252	1940667	21.527	ng/ul	96
82) Benzo(a)anthracene	21.26	228	5676068	21.567	ng/ul	98
83) Bis(2-ethylhexyl)phthalate	21.21	149	3069652	21.318	ng/ul	98
84) Chrysene	21.31	228	5295471	21.626	ng/ul	98
86) Di-n-octyl phthalate	22.09	149	5359518	26.890	ng/ul	100
87) Benzo(b)fluoranthene	22.84	252	5623380	22.562	ng/ul	99
88) Benzo(k)fluoranthene	22.89	252	5021850	20.734	ng/ul	98
90) Benzo(a)pyrene	23.41	252	5138098	21.323	ng/ul	98
91) Indeno(1,2,3-cd)pyrene	25.73	276	5805446	20.506	ng/ul	99
92) Dibenzo(a,h)anthracene	25.74	278	4891985	20.717	ng/ul	99
93) Benzo(g,h,i)perylene	26.40	276	4620884	19.910	ng/ul	99

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

