

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN021319\
 Data File : BN004395.D
 Acq On : 13 Feb 2019 16:36
 Operator : JU/SJ
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD02072

Manual Integrations
 APPROVED

Sohil
 2/14/2019 5:36:48 PM

Quant Time: Feb 14 06:42:39 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020719MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Feb 14 06:33:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	25648	20.00	ng/ul	0.00
18) Naphthalene-d8	10.53	136	124478	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.39	164	80621	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.13	188	197281	20.00	ng/ul	0.00
78) Chrysene-d12	21.33	240	262221	20.00	ng/ul	0.00
86) Perylene-d12	23.61	264	302920	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.25	96	3804	8.92	ng/uL	0.00
5) Phenol-d5	6.90	99	42657	18.66	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.09	67	22414	19.54	ng/ul	0.00
9) 2-Chlorophenol-d4	7.28	132	36740	19.82	ng/ul	0.00
13) 4-Methylphenol-d8	8.44	113	37273	18.97	ng/ul	0.00
19) Nitrobenzene-d5	8.91	128	17108	20.76	ng/ul	0.00
22) 2-Nitrophenol-d4	9.62	143	17942	20.86	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.15	165	40453	20.74	ng/ul	0.00
29) 4-Chloroaniline-d4	10.68	131	44375	20.57	ng/ul	0.00
44) Dimethylphthalate-d6	13.80	166	138188	20.21	ng/ul	0.00
47) Acenaphthylene-d8	14.08	160	168291	20.78	ng/ul	0.00
52) 4-Nitrophenol-d4	14.58	143	24710	18.88	ng/ul	0.00
58) Fluorene-d10	15.38	176	123796	20.57	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.50	200	21061	18.31	ng/ul	0.00
71) Anthracene-d10	17.23	188	197027	20.84	ng/ul	0.00
79) Pyrene-d10	19.53	212	237734	20.23	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.46	264	332442	20.91	ng/ul	0.00

Target Compounds

					Ovalue
2) 1,4-Dioxane	3.28	88	3978	7.578	ng/uL 97
4) Benzaldehyde	6.90	77	25850	19.700	ng/ul 97
6) Phenol	6.93	94	44363	19.438	ng/ul 100
8) Bis(2-Chloroethyl)ether	7.18	93	32347	19.813	ng/ul 100
10) 2-Chlorophenol	7.31	128	37247	20.183	ng/ul 99
11) 2-Methylphenol	8.18	108	34757	19.040	ng/ul 98
12) 2,2'-oxybis(1-Chloropropan	8.28	45	37963m	19.619	ng/ul
14) Acetophenone	8.57	105	57632	19.683	ng/ul 100
15) N-Nitroso-di-n-propylamine	8.55	70	23861	18.997	ng/ul 97
16) 4-Methylphenol	8.50	108	38693	19.151	ng/ul 94
17) Hexachloroethane	8.82	117	13474	20.853	ng/ul 91
20) Nitrobenzene	8.95	77	37840	20.988	ng/ul 99
21) Isophorone	9.46	82	72906	19.740	ng/ul 99
23) 2-Nitrophenol	9.65	139	20580	21.329	ng/ul 99
24) 2,4-Dimethylphenol	9.70	107	45166	20.752	ng/ul 99
25) Bis(2-Chloroethoxy)methane	9.95	93	47313	19.743	ng/ul 98
27) 2,4-Dichlorophenol	10.18	162	39967	20.757	ng/ul 99
28) Naphthalene	10.59	128	132945	20.715	ng/ul 99
30) 4-Chloroaniline	10.70	127	45272	20.970	ng/ul 97
31) Hexachlorobutadiene	10.86	225	26900	21.608	ng/ul 99
32) Caprolactam	11.46	113	10939	16.824	ng/ul 96
33) 4-Chloro-3-methylphenol	11.82	107	42852	20.635	ng/ul 99
34) 2-Methylnaphthalene	12.20	142	101140	20.544	ng/ul 100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.42	142	98800	20.351	ng/ul	100
37) 1,2,4,5-Tetrachlorobenzene	12.56	216	56080	20.895	ng/ul	96
38) Hexachlorocyclopentadiene	12.53	237	33195	19.893	ng/ul	100
39) 2,4,6-Trichlorophenol	12.80	196	33357	21.035	ng/ul	97
40) 2,4,5-Trichlorophenol	12.87	196	37717	21.172	ng/ul	99
41) 1,1'-Biphenyl	13.22	154	134438	20.638	ng/ul	99
42) 2-Chloronaphthalene	13.26	162	104238	20.572	ng/ul	99
43) 2-Nitroaniline	13.47	65	21181	20.478	ng/ul	96
45) Dimethylphthalate	13.85	163	137429	20.332	ng/ul	100
46) 2,6-Dinitrotoluene	13.97	165	24453	20.520	ng/ul	100
48) Acenaphthylene	14.11	152	158525	20.611	ng/ul	99
49) 3-Nitroaniline	14.30	138	24217	19.912	ng/ul	100
50) Acenaphthene	14.45	153	114394	20.647	ng/ul	98
51) 2,4-Dinitrophenol	14.50	184	12415	16.745	ng/ul	98
53) 4-Nitrophenol	14.59	109	19298	19.828	ng/ul	98
54) Dibenzofuran	14.79	168	163976	20.460	ng/ul	98
55) 2,4-Dinitrotoluene	14.76	165	39302	21.024	ng/ul	97
56) 2,3,4,6-Tetrachlorophenol	15.01	232	33836	20.817	ng/ul	99
57) Diethylphthalate	15.21	149	134764	20.204	ng/ul	99
59) Fluorene	15.44	166	134095	20.647	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.43	204	71553	20.821	ng/ul	99
61) 4-Nitroaniline	15.46	138	31119	19.660	ng/ul	99
64) 4,6-Dinitro-2-methylphenol	15.51	198	22844	18.887	ng/ul	96
65) N-Nitrosodiphenylamine	15.65	169	117397	20.779	ng/ul	100
66) 4-Bromophenyl-phenylether	16.33	248	46187	20.953	ng/ul	99
67) Hexachlorobenzene	16.43	284	54264	21.016	ng/ul	98
68) Atrazine	16.60	200	43492	19.987	ng/ul	100
69) Pentachlorophenol	16.77	266	27725	18.421	ng/ul	99
70) Phenanthrene	17.17	178	228510	20.876	ng/ul	100
72) Anthracene	17.27	178	228941	20.775	ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	13.17	216	58093	21.468	ng/uL	99
74) Pentachlorobenzene	14.70	250	60584	20.947	ng/uL	98
75) Carbazole	17.55	167	204588	20.779	ng/ul	99
76) Di-n-butylphthalate	18.10	149	217368	20.110	ng/ul	100
77) Fluoranthene	19.20	202	279984	20.778	ng/ul	99
80) Pvrene	19.56	202	294115	20.282	ng/ul	100
81) Butylbenzylphthalate	20.47	149	95299	19.125	ng/ul	97
82) 3,3'-Dichlorobenzidine	21.26	252	111794	20.326	ng/ul	99
83) Benzo(a)anthracene	21.32	228	333657	20.645	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.25	149	147982	19.813	ng/ul	99
85) Chrysene	21.37	228	315180	20.544	ng/ul	100
87) Di-n-octyl phthalate	22.13	149	277005	19.100	ng/ul	100
88) Benzo(b)fluoranthene	22.92	252	371312	20.698	ng/ul	99
89) Benzo(k)fluoranthene	22.97	252	354481	20.326	ng/ul	100
91) Benzo(a)pyrene	23.51	252	362843	20.728	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.91	276	475969	21.414	ng/ul	98
93) Dibenzo(a,h)anthracene	25.92	278	397017	21.469	ng/ul	98
94) Benzo(a,h,i)perylene	26.62	276	400039	21.474	ng/ul	98

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

