

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN031819\
 Data File : BN004813.D
 Acq On : 19 Mar 2019 00:24
 Operator : JU/SJ
 Sample : SSTDC0020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleID :
 SSTD02043

Manual Integrations
 APPROVED

Sohil
 3/20/2019 6:53:21 PM

Quant Time: Mar 19 01:09:18 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN030719MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Mar 15 04:01:10 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	27772	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.49	136	125297	20.00	ng/ul	-0.01
36) Acenaphthene-d10	14.35	164	76913	20.00	ng/ul	-0.01
62) Phenanthrene-d10	17.10	188	182915	20.00	ng/ul	-0.01
78) Chrysene-d12	21.30	240	225100	20.00	ng/ul	-0.02
86) Perylene-d12	23.55	264	222122	20.00	ng/ul	-0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.21	96	3677	7.47	ng/uL	-0.01
5) Phenol-d5	6.88	99	41434	18.05	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.05	67	21109	17.63	ng/ul	-0.01
9) 2-Chlorophenol-d4	7.24	132	36886	18.52	ng/ul	0.00
13) 4-Methylphenol-d8	8.41	113	34913	17.49	ng/ul	0.00
19) Nitrobenzene-d5	8.87	128	17835	18.67	ng/ul	-0.01
22) 2-Nitrophenol-d4	9.59	143	20596	18.99	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.12	165	39193	18.96	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.64	131	47907	19.31	ng/ul	0.00
44) Dimethylphthalate-d6	13.76	166	120960	18.19	ng/ul	0.00
47) Acenaphthylene-d8	14.04	160	150296	18.78	ng/ul	-0.01
52) 4-Nitrophenol-d4	14.56	143	18884	15.30	ng/ul	-0.01
58) Fluorene-d10	15.35	176	106281	18.80	ng/ul	-0.01
63) 4,6-Dinitro-2-methylphenol	15.47	200	22068	17.48	ng/ul	0.00
71) Anthracene-d10	17.20	188	168559	18.92	ng/ul	-0.01
79) Pyrene-d10	19.50	212	194671	17.70	ng/ul	-0.02
90) Benzo(a)pyrene-d12	23.40	264	224865	18.85	ng/ul	-0.03

Target Compounds

				Ovalue
2) 1,4-Dioxane	3.25	88	3870	6.378 ng/uL# 93
4) Benzaldehyde	6.86	77	26496	17.832 ng/ul 98
6) Phenol	6.90	94	41599	17.811 ng/ul 98
8) Bis(2-Chloroethyl)ether	7.14	93	30705	17.861 ng/ul 100
10) 2-Chlorophenol	7.27	128	37310	18.569 ng/ul 99
11) 2-Methylphenol	8.15	108	33046	17.618 ng/ul 99
12) 2,2'-oxybis(1-Chloropropan	8.23	45	32469	16.376 ng/ul 98
14) Acetophenone	8.53	105	53970	18.032 ng/ul 98
15) N-Nitroso-di-n-propylamine	8.51	70	23977	16.969 ng/ul 96
16) 4-Methylphenol	8.48	108	36572	17.538 ng/ul 99
17) Hexachloroethane	8.77	117	13891	18.460 ng/ul 90
20) Nitrobenzene	8.91	77	35733	18.221 ng/ul 98
21) Isophorone	9.42	82	69456	17.094 ng/ul 99
23) 2-Nitrophenol	9.62	139	22131	18.869 ng/ul 98
24) 2,4-Dimethylphenol	9.67	107	42082	18.590 ng/ul 99
25) Bis(2-Chloroethoxy)methane	9.91	93	43425	17.557 ng/ul 99
27) 2,4-Dichlorophenol	10.14	162	38697	19.018 ng/ul 97
28) Naphthalene	10.54	128	122636	18.785 ng/ul 99
30) 4-Chloroaniline	10.66	127	48589	19.274 ng/ul 100
31) Hexachlorobutadiene	10.81	225	26981	19.951 ng/ul 99
32) Caprolactam	11.43	113	11432m	16.585 ng/ul
33) 4-Chloro-3-methylphenol	11.79	107	39723	18.207 ng/ul 99
34) 2-Methylnaphthalene	12.16	142	91890	18.784 ng/ul 100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.38	142	85900	18.699	ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	12.53	216	53345	19.724	ng/ul	99
38) Hexachlorocyclopentadiene	12.49	237	29596	15.885	ng/ul	98
39) 2,4,6-Trichlorophenol	12.77	196	30841	17.703	ng/ul	100
40) 2,4,5-Trichlorophenol	12.85	196	34020	17.839	ng/ul	98
41) 1,1'-Biphenyl	13.17	154	120927	18.689	ng/ul	98
42) 2-Chloronaphthalene	13.22	162	94060	19.118	ng/ul	99
43) 2-Nitroaniline	13.44	65	20786	17.270	ng/ul	99
45) Dimethylphthalate	13.81	163	119473	18.310	ng/ul	100
46) 2,6-Dinitrotoluene	13.94	165	24596	18.617	ng/ul	93
48) Acenaphthylene	14.07	152	145791	18.637	ng/ul	99
49) 3-Nitroaniline	14.27	138	23797	18.576	ng/ul	96
50) Acenaphthene	14.42	153	100726	18.837	ng/ul	100
51) 2,4-Dinitrophenol	14.48	184	14685	17.150	ng/ul	98
53) 4-Nitrophenol	14.58	109	14313	15.960	ng/ul	98
54) Dibenzofuran	14.75	168	144396	18.800	ng/ul	100
55) 2,4-Dinitrotoluene	14.73	165	37120	19.021	ng/ul	96
56) 2,3,4,6-Tetrachlorophenol	14.97	232	30446	17.250	ng/ul	99
57) Diethylphthalate	15.17	149	119664	18.097	ng/ul	99
59) Fluorene	15.40	166	116340	18.878	ng/ul	98
60) 4-Chlorophenyl-phenylether	15.39	204	62378	19.065	ng/ul	98
61) 4-Nitroaniline	15.44	138	26745	17.786	ng/ul	98
64) 4,6-Dinitro-2-methylphenol	15.49	198	22706	17.053	ng/ul	99
65) N-Nitrosodiphenylamine	15.62	169	103517	18.583	ng/ul	99
66) 4-Bromophenyl-phenylether	16.29	248	43129	19.214	ng/ul	99
67) Hexachlorobenzene	16.40	284	52196	20.259	ng/ul	92
68) Atrazine	16.56	200	39428	18.530	ng/ul	99
69) Pentachlorophenol	16.75	266	32208	20.058	ng/ul	97
70) Phenanthrene	17.14	178	190581	18.737	ng/ul	99
72) Anthracene	17.23	178	196105	18.870	ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	13.14	216	52149	19.207	ng/uL	99
74) Pentachlorobenzene	14.66	250	56540	19.532	ng/uL	98
75) Carbazole	17.51	167	173860	19.264	ng/ul	99
76) Di-n-butylphthalate	18.06	149	200602	17.923	ng/ul	100
77) Fluoranthene	19.16	202	234694	20.013	ng/ul	97
80) Pvrene	19.53	202	241679	17.709	ng/ul	98
81) Butylbenzylphthalate	20.43	149	94086	16.792	ng/ul	97
82) 3,3'-Dichlorobenzidine	21.22	252	96671	18.191	ng/ul	99
83) Benzo(a)anthracene	21.28	228	260226	18.376	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.20	149	139211	17.097	ng/ul	100
85) Chrysene	21.33	228	242653	18.453	ng/ul	99
87) Di-n-octyl phthalate	22.08	149	247020	17.235	ng/ul	100
88) Benzo(b)fluoranthene	22.87	252	258255	18.732	ng/ul	99
89) Benzo(k)fluoranthene	22.92	252	252495	18.625	ng/ul	99
91) Benzo(a)pyrene	23.46	252	240594	18.551	ng/ul#	97
92) Indeno(1,2,3-cd)pyrene	25.83	276	254686	18.028	ng/ul	96
93) Dibenzo(a,h)anthracene	25.84	278	217263	18.278	ng/ul	98
94) Benzo(a,h,i)perylene	26.53	276	204849	17.829	ng/ul	96

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

