

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN122118\
 Data File : BN004180.D
 Acq On : 22 Dec 2018 02:55
 Operator : JU/SJ
 Sample : SSTDCCC20EC
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD02037

Manual Integrations
 APPROVED

Sohil
 12/26/2018 3:22:49 PM

Quant Time: Dec 22 06:00:47 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN121218MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Dec 22 04:57:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	35153	20.00	ng/ul	0.00
18) Naphthalene-d8	10.62	136	164787	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.46	164	95698	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.21	188	215613	20.00	ng/ul	0.00
77) Chrysene-d12	21.40	240	230039	20.00	ng/ul	0.00
85) Perylene-d12	23.72	264	208293	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.28	96	4926	9.17	ng/uL	0.00
5) Phenol-d5	6.99	99	63420	18.35	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.16	67	35574	18.91	ng/ul	0.00
9) 2-Chlorophenol-d4	7.35	132	53463	19.74	ng/ul	0.00
13) 4-Methylphenol-d8	8.53	113	53166	18.36	ng/ul	0.00
19) Nitrobenzene-d5	8.99	128	27040	20.71	ng/ul	0.00
22) 2-Nitrophenol-d4	9.71	143	31470	21.28	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.24	165	56123	20.69	ng/ul	0.00
29) 4-Chloroaniline-d4	10.76	131	57282	22.57	ng/ul	0.00
43) Dimethylphthalate-d6	13.87	166	162620	19.04	ng/ul	0.00
46) Acenaphthylene-d8	14.16	160	209035	20.62	ng/ul	0.00
51) 4-Nitrophenol-d4	14.68	143	28836	16.33	ng/ul	0.00
57) Fluorene-d10	15.46	176	143989	19.49	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.60	200	20922	13.47	ng/ul	0.00
70) Anthracene-d10	17.31	188	220307	20.22	ng/ul	0.00
78) Pyrene-d10	19.60	212	239351	23.26	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.57	264	232568	20.58	ng/ul	0.00

Target Compounds

				Ovalue	
2) 1,4-Dioxane	3.32	88	5148	8.711	ng/uL# 86
4) Benzaldehyde	6.98	77	11595	19.629	ng/ul 99
6) Phenol	7.02	94	63083	18.084	ng/ul 99
8) Bis(2-Chloroethyl)ether	7.25	93	47727	19.049	ng/ul 100
10) 2-Chlorophenol	7.39	128	52889	19.566	ng/ul 99
11) 2-Methylphenol	8.26	108	49797	18.457	ng/ul 100
12) 2,2'-oxybis(1-Chloropropan	8.35	45	65550m	19.029	ng/ul
14) Acetophenone	8.65	105	79390	18.330	ng/ul 98
15) N-Nitroso-di-n-propylamine	8.63	70	38416	17.962	ng/ul 100
16) 4-Methylphenol	8.59	108	53617	18.081	ng/ul 96
17) Hexachloroethane	8.89	117	19752	20.095	ng/ul 99
20) Nitrobenzene	9.03	77	56497	19.980	ng/ul 100
21) Isophorone	9.55	82	111324	18.955	ng/ul 100
23) 2-Nitrophenol	9.74	139	32159	20.683	ng/ul 99
24) 2,4-Dimethylphenol	9.79	107	60360	20.044	ng/ul 96
25) Bis(2-Chloroethoxy)methane	10.03	93	68913	19.608	ng/ul 99
27) 2,4-Dichlorophenol	10.27	162	53601	20.385	ng/ul 98
28) Naphthalene	10.67	128	175502	19.850	ng/ul 99
30) 4-Chloroaniline	10.79	127	56840	22.057	ng/ul 100
31) Hexachlorobutadiene	10.93	225	33019	21.586	ng/ul 99
32) Caprolactam	11.56	113	18051	17.105	ng/ul 98
33) 4-Chloro-3-methylphenol	11.91	107	57334	18.881	ng/ul 97
34) 2-Methylnaphthalene	12.28	142	129623	19.467	ng/ul 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.65	216	65404	22.256	ng/ul	98
37) Hexachlorocyclopentadiene	12.61	237	16013	8.873	ng/ul	96
38) 2,4,6-Trichlorophenol	12.89	196	43054	21.761	ng/ul	100
39) 2,4,5-Trichlorophenol	12.97	196	46161	21.098	ng/ul	96
40) 1,1'-Biphenyl	13.29	154	162855	20.933	ng/ul	99
41) 2-Chloronaphthalene	13.34	162	129246	21.336	ng/ul	100
42) 2-Nitroaniline	13.56	65	34850	20.488	ng/ul	98
44) Dimethylphthalate	13.92	163	158364	18.990	ng/ul	100
45) 2,6-Dinitrotoluene	14.05	165	34401	20.323	ng/ul	99
47) Acenaphthylene	14.19	152	196816	20.385	ng/ul	99
48) 3-Nitroaniline	14.39	138	35424	20.581	ng/ul	99
49) Acenaphthene	14.53	153	138920	20.205	ng/ul	100
50) 2,4-Dinitrophenol	14.60	184	10652	9.709	ng/ul	96
52) 4-Nitrophenol	14.69	109	18241	16.356	ng/ul	97
53) Dibenzofuran	14.86	168	192962	19.772	ng/ul	100
54) 2,4-Dinitrotoluene	14.85	165	50174	19.051	ng/ul	96
55) 2,3,4,6-Tetrachlorophenol	15.09	232	40596	19.826	ng/ul#	94
56) Diethylphthalate	15.27	149	159941	18.758	ng/ul	100
58) Fluorene	15.51	166	157986	19.442	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.50	204	78880	19.591	ng/ul	99
60) 4-Nitroaniline	15.55	138	38884	18.175	ng/ul	98
63) 4,6-Dinitro-2-methylphenol	15.61	198	21604	13.540	ng/ul	99
64) N-Nitrosodiphenylamine	15.72	169	136959	20.988	ng/ul	99
65) 4-Bromophenyl-phenylether	16.40	248	52695	21.739	ng/ul	96
66) Hexachlorobenzene	16.51	284	63818	21.044	ng/ul	99
67) Atrazine	16.67	200	48601	20.433	ng/ul	99
68) Pentachlorophenol	16.86	266	29785	17.203	ng/ul	99
69) Phenanthrene	17.25	178	250148	20.080	ng/ul	100
71) Anthracene	17.35	178	258457	20.239	ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.26	216	64501	23.887	ng/ul	99
73) Pentachlorobenzene	14.78	250	69577	22.551	ng/ul	100
74) Carbazole	17.62	167	232311	19.798	ng/ul	100
75) Di-n-butylphthalate	18.16	149	284893	20.600	ng/ul	100
76) Fluoranthene	19.27	202	296720	19.432	ng/ul	99
79) Pvrene	19.64	202	298085	23.194	ng/ul	97
80) Butylbenzylphthalate	20.52	149	137309	23.911	ng/ul	99
81) 3,3'-Dichlorobenzidine	21.32	252	91700	17.328	ng/ul	98
82) Benzo(a)anthracene	21.38	228	292572	20.396	ng/ul	100
83) Bis(2-ethylhexyl)phthalate	21.28	149	198804	22.663	ng/ul	99
84) Chrysene	21.43	228	270219	20.111	ng/ul	99
86) Di-n-octyl phthalate	22.18	149	346021	29.559	ng/ul	99
87) Benzo(b)fluoranthene	23.02	252	272042	21.803	ng/ul	100
88) Benzo(k)fluoranthene	23.06	252	259245	22.189	ng/ul	100
90) Benzo(a)pyrene	23.62	252	245016	20.390	ng/ul	100
91) Indeno(1,2,3-cd)pyrene	26.09	276	263595	16.829	ng/ul	99
92) Dibenzo(a,h)anthracene	26.09	278	222465	17.086	ng/ul	99
93) Benzo(g,h,i)perylene	26.82	276	214286	16.345	ng/ul	99

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

