

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062621\
 Data File : BN015110.D
 Acq On : 26 Jun 2021 11:02
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD020408

Quant Time: Jun 26 23:59:35 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-BN061821MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jun 24 14:43:13 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.728	152	207584	20.000	ng/u1	0.00
20) Naphthalene-d8	10.499	136	856192	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.351	164	500944	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.098	188	1019652	20.000	ng/u1	0.00
79) Chrysene-d12	21.298	240	979548	20.000	ng/u1	0.00
88) Perylene-d12	23.545	264	1023701	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.281	96	41146	7.713	ng/uL	0.00
4) Pyridine-d5	3.675	84	273008	18.982	ng/u1	0.00
7) Phenol-d5	6.893	99	350865	19.474	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.064	67	202188	19.109	ng/u1	0.00
11) 2-Chlorophenol-d4	7.258	132	277529	20.315	ng/u1	0.00
15) 4-Methylphenol-d8	8.422	113	269230	19.362	ng/u1	0.00
21) Nitrobenzene-d5	8.869	128	128841	21.998	ng/u1	0.00
24) 2-Nitrophenol-d4	9.587	143	125972	24.146	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.116	165	258014	20.953	ng/u1	0.00
31) 4-Chloroaniline-d4	10.628	131	368140	19.291	ng/u1	0.00
46) Dimethylphthalate-d6	13.763	166	706226	20.531	ng/u1	0.00
49) Acenaphthylene-d8	14.040	160	910220	20.384	ng/u1	0.00
54) 4-Nitrophenol-d4	14.540	143	129405	21.568	ng/u1	0.00
60) Fluorene-d10	15.345	176	602581	20.136	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.463	200	75272	17.874	ng/u1	0.00
73) Anthracene-d10	17.198	188	921348	19.742	ng/u1	0.00
81) Pyrene-d10	19.498	212	1002013	19.516	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.404	264	1034061	20.462	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.317	88	41203	7.494	ng/uL	95
5) Pyridine	3.693	79	283471	18.944	ng/u1	98
6) Benzaldehyde	6.875	77	211864	25.284	ng/u1	96
8) Phenol	6.922	94	357889	19.594	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.158	93	281491	19.509	ng/u1	97
12) 2-Chlorophenol	7.293	128	280744	20.309	ng/u1	97
13) 2-Methylphenol	8.158	108	265122	19.440	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.252	45	359046	19.103	ng/u1	99
16) Acetophenone	8.534	105	411306	19.527	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.522	70	200647	19.447	ng/u1	99
18) 4-Methylphenol	8.481	108	286622	19.596	ng/u1	99
19) Hexachloroethane	8.799	117	112520	19.914	ng/u1	93
22) Nitrobenzene	8.910	77	301999	21.120	ng/u1	98
23) Isophorone	9.428	82	555457	19.753	ng/u1	99
25) 2-Nitrophenol	9.616	139	136324	23.572	ng/u1	99
26) 2,4-Dimethylphenol	9.681	107	301246	20.092	ng/u1	98
27) Bis(2-Chloroethoxy)met...	9.916	93	360525	20.095	ng/u1	98
29) 2,4-Dichlorophenol	10.146	162	249100	20.769	ng/u1	98
30) Naphthalene	10.546	128	866351	19.830	ng/u1	100
32) 4-Chloroaniline	10.652	127	365115	19.466	ng/u1	98
33) Hexachlorobutadiene	10.840	225	149475	20.077	ng/u1	98
34) Caprolactam	11.399	113	81761	19.960	ng/u1	96
35) 4-Chloro-3-methylphenol	11.775	107	267916	20.414	ng/u1	99
36) 2-Methylnaphthalene	12.163	142	590094	19.510	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.381	142	593706	19.590	ng/ul	91
39) 1,2,4,5-Tetrachloroben...	12.534	216	278983	19.951	ng/ul	99
40) Hexachlorocyclopentadiene	12.516	237	163121	21.376	ng/ul	100
41) 2,4,6-Trichlorophenol	12.775	196	182224	22.288	ng/ul	94
42) 2,4,5-Trichlorophenol	12.840	196	200663	22.090	ng/ul	91
43) 1,1'-Biphenyl	13.181	154	733705	20.296	ng/ul	98
44) 2-Chloronaphthalene	13.222	162	573694	20.374	ng/ul	97
45) 2-Nitroaniline	13.422	65	158218	24.152	ng/ul	97
47) Dimethylphthalate	13.810	163	676307	20.313	ng/ul	100
48) 2,6-Dinitrotoluene	13.922	165	133199	23.779	ng/ul	98
50) Acenaphthylene	14.069	152	857469	20.350	ng/ul	98
51) 3-Nitroaniline	14.251	138	153734	24.273	ng/ul	91
52) Acenaphthene	14.416	153	599328	20.218	ng/ul	99
53) 2,4-Dinitrophenol	14.457	184	55421	21.546	ng/ul	96
55) 4-Nitrophenol	14.557	109	97136	22.201	ng/ul	95
56) Dibenzofuran	14.751	168	844779	20.290	ng/ul	100
57) 2,4-Dinitrotoluene	14.710	165	191083	24.462	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	14.975	232	153132	22.998	ng/ul	96
59) Diethylphthalate	15.181	149	685676	20.631	ng/ul	100
61) Fluorene	15.398	166	659761	20.017	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.398	204	316651	20.219	ng/ul	96
63) 4-Nitroaniline	15.416	138	155801	26.436	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.475	198	76575	17.992	ng/ul	97
67) N-Nitrosodiphenylamine	15.610	169	578792	19.570	ng/ul	97
68) 4-Bromophenyl-phenylether	16.292	248	193718	19.736	ng/ul	98
69) Hexachlorobenzene	16.404	284	213877	19.444	ng/ul	99
70) Atrazine	16.563	200	203917	19.815	ng/ul	99
71) Pentachlorophenol	16.745	266	117971	20.500	ng/ul	94
72) Phenanthrene	17.139	178	1081631	20.098	ng/ul	98
74) Anthracene	17.228	178	1094190	19.805	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.146	216	281532	19.497	ng/ul	98
76) Pentachlorobenzene	14.675	250	264318	19.117	ng/ul	98
77) Carbazole	17.498	167	996452	20.010	ng/ul	99
78) Di-n-butylphthalate	18.075	149	1196430	21.107	ng/ul	99
80) Fluoranthene	19.163	202	1213598	19.581	ng/ul	99
82) Pyrene	19.528	202	1245194	19.276	ng/ul	99
83) Butylbenzylphthalate	20.439	149	525562	22.825	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.216	252	359812	17.837	ng/ul	99
85) Benzo(a)anthracene	21.280	228	1209556	19.964	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.222	149	780148	21.157	ng/ul	99
87) Chrysene	21.333	228	1149426	19.266	ng/ul	97
89) Di-n-octyl phthalate	22.104	149	1370864	21.413	ng/ul	100
90) Benzo(b)fluoranthene	22.869	252	1238093	20.084	ng/ul	97
91) Benzo(k)fluoranthene	22.916	252	1141820	18.301	ng/ul	98
93) Benzo(a)pyrene	23.445	252	1116240	19.922	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	25.798	276	1348504	19.837	ng/ul	97
95) Dibenzo(a,h)anthracene	25.815	278	1115854	19.805	ng/ul	98
96) Benzo(g,h,i)perylene	26.498	276	1108568	18.865	ng/ul	99

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

