

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100220\
 Data File : BN012041.D
 Acq On : 02 Oct 2020 17:50
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD02058

Quant Time: Oct 02 18:17:50 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN100220.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Oct 02 16:22:43 2020
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.658	152	262900	20.00	ng/ul	0.00
18) Naphthalene-d8	10.434	136	1035399	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.298	164	632656	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.045	188	1302595	20.00	ng/ul	0.00
78) Chrysene-d12	21.245	240	1376230	20.00	ng/ul	0.00
86) Perylene-d12	23.451	264	1445058	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.193	96	50879	8.42	ng/uL	0.00
5) Phenol-d5	6.834	99	440151	20.06	ng/ul	0.00
7) Bis-(2-Chloroethyl)eth...	6.999	67	283064	21.00	ng/ul	0.00
9) 2-Chlorophenol-d4	7.193	132	372659	21.00	ng/ul	0.00
13) 4-Methylphenol-d8	8.358	113	358089	20.73	ng/ul	0.00
19) Nitrobenzene-d5	8.805	128	173197	21.07	ng/ul	0.00
22) 2-Nitrophenol-d4	9.522	143	188044	21.15	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.057	165	363240	21.30	ng/ul	0.00
29) 4-Chloroaniline-d4	10.569	131	329048	16.37	ng/ul	0.00
44) Dimethylphthalate-d6	13.710	166	1026699	20.69	ng/ul	0.00
47) Acenaphthylene-d8	13.987	160	1247028	21.05	ng/ul	0.00
52) 4-Nitrophenol-d4	14.498	143	182248	19.94	ng/ul	0.00
58) Fluorene-d10	15.293	176	919108	21.22	ng/ul	0.00
63) 4,6-Dinitro-2-methylph...	15.410	200	165550	19.91	ng/ul	0.00
71) Anthracene-d10	17.145	188	1349080	21.36	ng/ul	0.00
79) Pyrene-d10	19.445	212	1450637	20.04	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.310	264	1628863	20.09	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.228	88	57614	7.59	ng/uL	93
4) Benzaldehyde	6.811	77	209866	16.62	ng/ul	92
6) Phenol	6.858	94	462934	20.28	ng/ul	97
8) Bis(2-Chloroethyl)ether	7.093	93	378504	20.41	ng/ul	98
10) 2-Chlorophenol	7.228	128	387701	21.13	ng/ul	98
11) 2-Methylphenol	8.099	108	347595	20.50	ng/ul	98
12) 2,2'-oxybis(1-Chloropr...	8.181	45	493756	20.65	ng/ul	99
14) Acetophenone	8.475	105	571010	20.74	ng/ul	97
15) N-Nitroso-di-n-propyla...	8.463	70	288590	20.89	ng/ul	97
16) 4-Methylphenol	8.422	108	376766	20.73	ng/ul	99
17) Hexachloroethane	8.728	117	170829	20.46	ng/ul	93
20) Nitrobenzene	8.852	77	473064	20.82	ng/ul	99
21) Isophorone	9.375	82	787445	20.67	ng/ul	99
23) 2-Nitrophenol	9.552	139	206660	21.01	ng/ul	98
24) 2,4-Dimethylphenol	9.616	107	439917	20.61	ng/ul	98
25) Bis(2-Chloroethoxy)met...	9.857	93	491104	20.55	ng/ul	98
27) 2,4-Dichlorophenol	10.081	162	366645	21.23	ng/ul	97
28) Naphthalene	10.487	128	1239054	20.91	ng/ul	100
30) 4-Chloroaniline	10.593	127	336107	16.60	ng/ul	99
31) Hexachlorobutadiene	10.769	225	237264	20.29	ng/ul	98
32) Caprolactam	11.363	113	90234	18.95	ng/ul	99
33) 4-Chloro-3-methylphenol	11.722	107	394137	21.00	ng/ul	98
34) 2-Methylnaphthalene	12.099	142	837796	20.57	ng/ul	94
35) 1-Methylnaphthalene	12.322	142	824532	20.49	ng/uL	100
37) 1,2,4,5-Tetrachloroben...	12.475	216	412575	20.13	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
38) Hexachlorocyclopentadiene	12.457	237	286973	19.80	ng/ul	93
39) 2,4,6-Trichlorophenol	12.716	196	270920	21.08	ng/ul	93
40) 2,4,5-Trichlorophenol	12.787	196	286498	20.67	ng/ul	95
41) 1,1'-Biphenyl	13.128	154	1118402	21.34	ng/ul	96
42) 2-Chloronaphthalene	13.163	162	870164	20.85	ng/ul	98
43) 2-Nitroaniline	13.369	65	248472	20.77	ng/ul	98
45) Dimethylphthalate	13.757	163	1062102	20.77	ng/ul	98
46) 2,6-Dinitrotoluene	13.875	165	211798	21.22	ng/ul	96
48) Acenaphthylene	14.016	152	1295514	20.81	ng/ul	99
49) 3-Nitroaniline	14.204	138	149868	16.46	ng/ul#	94
50) Acenaphthene	14.363	153	931319	20.82	ng/ul	97
51) 2,4-Dinitrophenol	14.410	184	112884	18.55	ng/ul	99
53) 4-Nitrophenol	14.510	109	173103	20.33	ng/ul	99
54) Dibenzofuran	14.698	168	1278416	20.95	ng/ul	96
55) 2,4-Dinitrotoluene	14.663	165	312112	21.54	ng/ul	98
56) 2,3,4,6-Tetrachlorophenol	14.922	232	234022	20.23	ng/ul#	95
57) Diethylphthalate	15.134	149	1078343	20.49	ng/ul	96
59) Fluorene	15.351	166	1074766	21.01	ng/ul	97
60) 4-Chlorophenyl-phenyle...	15.351	204	516794	20.69	ng/ul	97
61) 4-Nitroaniline	15.369	138	173720	17.65	ng/ul	91
64) 4,6-Dinitro-2-methylph...	15.428	198	180877	20.00	ng/ul	99
65) N-Nitrosodiphenylamine	15.563	169	899100	21.64	ng/ul	99
66) 4-Bromophenyl-phenylether	16.245	248	312767	20.99	ng/ul	97
67) Hexachlorobenzene	16.351	284	358837	20.64	ng/ul	98
68) Atrazine	16.516	200	309312	20.35	ng/ul	96
69) Pentachlorophenol	16.692	266	209478	20.33	ng/ul	94
70) Phenanthrene	17.087	178	1688626	21.28	ng/ul	100
72) Anthracene	17.181	178	1725978	21.54	ng/ul	100
73) 1,2,3,4-Tetrachloroben...	13.087	216	393091	20.76	ng/uL	94
74) Pentachlorobenzene	14.616	250	415885	21.41	ng/uL	95
75) Carbazole	17.451	167	1468050	21.10	ng/ul	99
76) Di-n-butylphthalate	18.022	149	1859053	21.04	ng/ul	99
77) Fluoranthene	19.110	202	1980167	22.22	ng/ul	99
80) Pyrene	19.475	202	2069992	20.85	ng/ul	98
81) Butylbenzylphthalate	20.386	149	815269	19.98	ng/ul	98
82) 3,3'-Dichlorobenzidine	21.169	252	546152	17.06	ng/ul	100
83) Benzo(a)anthracene	21.227	228	1892039	20.41	ng/ul	98
84) Bis(2-ethylhexyl)phtha...	21.169	149	1265412	20.20	ng/ul	97
85) Chrysene	21.280	228	1873334	20.55	ng/ul	99
87) Di-n-octyl phthalate	22.045	149	2172127	20.24	ng/ul	100
88) Benzo(b)fluoranthene	22.792	252	2046818	20.22	ng/ul	100
89) Benzo(k)fluoranthene	22.833	252	1967507	19.73	ng/ul	97
91) Benzo(a)pyrene	23.357	252	1862003	20.28	ng/ul	97
92) Indeno(1,2,3-cd)pyrene	25.663	276	2329436	19.87	ng/ul	96
93) Dibenzo(a,h)anthracene	25.674	278	1967308	20.37	ng/ul	98
94) Benzo(g,h,i)perylene	26.333	276	2002656	20.05	ng/ul	97

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

