

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061522\
 Data File : BN020205.D
 Acq On : 16 Jun 2022 15:30
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD020324

Quant Time: Jun 17 02:27:50 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN060622.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jun 16 00:50:14 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.793	152	132376	20.000	ng/u1	0.00
20) Naphthalene-d8	10.581	136	642626	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.422	164	425975	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.163	188	872418	20.000	ng/u1	0.00
79) Chrysene-d12	21.357	240	766261	20.000	ng/u1	0.00
88) Perylene-d12	23.668	264	657570	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.258	96	24225	7.926	ng/uL	0.00
4) Pyridine-d5	3.670	84	161395	19.320	ng/u1	0.00
7) Phenol-d5	6.987	99	226132	20.644	ng/u1	0.02
9) Bis-(2-Chloroethyl)eth...	7.128	67	139031	20.315	ng/u1	0.00
11) 2-Chlorophenol-d4	7.334	132	186486	20.953	ng/u1	0.00
15) 4-Methylphenol-d8	8.522	113	200921	21.201	ng/u1	0.02
21) Nitrobenzene-d5	8.946	128	95821	19.599	ng/u1	0.00
24) 2-Nitrophenol-d4	9.669	143	107865	20.789	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.222	165	189971	20.973	ng/u1	0.01
31) 4-Chloroaniline-d4	10.716	131	296406	20.208	ng/u1	0.00
46) Dimethylphthalate-d6	13.834	166	600373	19.370	ng/u1	0.00
49) Acenaphthylene-d8	14.116	160	723772	20.136	ng/u1	0.00
54) 4-Nitrophenol-d4	14.669	143	106596	17.163	ng/u1	0.04
60) Fluorene-d10	15.416	176	509784	19.876	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.534	200	105665	20.909	ng/u1	0.00
73) Anthracene-d10	17.263	188	797994	20.959	ng/u1	0.00
81) Pyrene-d10	19.557	212	870205	20.948	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.521	264	660174	20.519	ng/u1	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.293	88	25545	7.917	ng/uL	98
5) Pyridine	3.687	79	173122	19.769	ng/u1	94
6) Benzaldehyde	6.934	77	124501	24.122	ng/u1	91
8) Phenol	7.016	94	243178	20.849	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.216	93	189850	20.796	ng/u1	99
12) 2-Chlorophenol	7.369	128	194263	20.882	ng/u1	99
13) 2-Methylphenol	8.258	108	190006	21.190	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.322	45	296710	20.727	ng/u1	98
16) Acetophenone	8.610	105	310964	21.577	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.599	70	156862	21.306	ng/u1	91
18) 4-Methylphenol	8.581	108	211358	21.356	ng/u1	92
19) Hexachloroethane	8.869	117	77215	20.627	ng/u1	87
22) Nitrobenzene	8.987	77	224797	19.831	ng/u1	95
23) Isophorone	9.516	82	447544	19.996	ng/u1	99
25) 2-Nitrophenol	9.699	139	118577	20.682	ng/u1	98
26) 2,4-Dimethylphenol	9.775	107	247125	20.806	ng/u1	100
27) Bis(2-Chloroethoxy)met...	9.999	93	270818	19.773	ng/u1	97
29) 2,4-Dichlorophenol	10.252	162	198109	21.144	ng/u1	99
30) Naphthalene	10.634	128	667312	20.036	ng/u1	100
32) 4-Chloroaniline	10.740	127	297712	20.292	ng/u1	97
33) Hexachlorobutadiene	10.928	225	105449	19.603	ng/u1	99
34) Caprolactam	11.499	113	69620	19.028	ng/u1	100
35) 4-Chloro-3-methylphenol	11.899	107	238157	21.527	ng/u1	99
36) 2-Methylnaphthalene	12.246	142	461518	20.497	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.463	142	465570	20.262	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.616	216	217511	20.021	ng/ul	99
40) Hexachlorocyclopentadiene	12.598	237	116873	17.684	ng/ul	99
41) 2,4,6-Trichlorophenol	12.863	196	156970	20.954	ng/ul	93
42) 2,4,5-Trichlorophenol	12.957	196	172050	20.737	ng/ul	98
43) 1,1'-Biphenyl	13.257	154	622912	19.748	ng/ul	99
44) 2-Chloronaphthalene	13.298	162	468491	19.578	ng/ul	94
45) 2-Nitroaniline	13.504	65	148648	19.968	ng/ul	94
47) Dimethylphthalate	13.881	163	599270	19.206	ng/ul	99
48) 2,6-Dinitrotoluene	13.998	165	123003	20.163	ng/ul	97
50) Acenaphthylene	14.145	152	802027	20.153	ng/ul	100
51) 3-Nitroaniline	14.328	138	128375	19.905	ng/ul	100
52) Acenaphthene	14.487	153	510624	19.644	ng/ul	98
53) 2,4-Dinitrophenol	14.540	184	88831	22.743	ng/ul	98
55) 4-Nitrophenol	14.681	109	89386	16.860	ng/ul	98
56) Dibenzofuran	14.822	168	724931	19.795	ng/ul	97
57) 2,4-Dinitrotoluene	14.787	165	184400	20.414	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.057	232	134142	20.597	ng/ul	95
59) Diethylphthalate	15.245	149	625701	19.478	ng/ul	98
61) Fluorene	15.469	166	582948	20.456	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.469	204	269218	20.514	ng/ul	95
63) 4-Nitroaniline	15.487	138	120666	20.022	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.551	198	106743	20.834	ng/ul#	95
67) N-Nitrosodiphenylamine	15.681	169	516103	20.635	ng/ul	98
68) 4-Bromophenyl-phenylether	16.357	248	159058	20.936	ng/ul	93
69) Hexachlorobenzene	16.481	284	171625	19.652	ng/ul	93
70) Atrazine	16.634	200	182944	20.964	ng/ul	98
71) Pentachlorophenol	16.828	266	102389	18.824	ng/ul	96
72) Phenanthrene	17.204	178	924598	20.082	ng/ul	98
74) Anthracene	17.298	178	939374	20.291	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.222	216	229107	19.611	ng/ul	98
76) Pentachlorobenzene	14.745	250	211035	20.439	ng/ul	98
77) Carbazole	17.569	167	890182	21.136	ng/ul	97
78) Di-n-butylphthalate	18.139	149	1081774	20.714	ng/ul	100
80) Fluoranthene	19.228	202	1066236	21.252	ng/ul	99
82) Pyrene	19.586	202	1098521	21.342	ng/ul	95
83) Butylbenzylphthalate	20.492	149	513091	22.150	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.274	252	309940	21.178	ng/ul#	94
85) Benzo(a)anthracene	21.339	228	958433	19.808	ng/ul	96
86) Bis(2-ethylhexyl)phtha...	21.280	149	739032	22.612	ng/ul	99
87) Chrysene	21.392	228	957682	20.231	ng/ul	99
89) Di-n-octyl phthalate	22.180	149	1305755	24.397	ng/ul	100
90) Benzo(b)fluoranthene	22.968	252	883462	21.407	ng/ul#	96
91) Benzo(k)fluoranthene	23.016	252	832076	21.180	ng/ul	96
93) Benzo(a)pyrene	23.563	252	805506	20.164	ng/ul	94
94) Indeno(1,2,3-cd)pyrene	26.045	276	843171	20.514	ng/ul#	93
95) Dibenzo(a,h)anthracene	26.057	278	716174	20.400	ng/ul	97
96) Benzo(g,h,i)perylene	26.762	276	696983	20.081	ng/ul#	93

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

