

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031522\
 Data File : BN018983.D
 Acq On : 16 Mar 2022 15:10
 Operator : CG/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD020303

Quant Time: Mar 17 09:40:17 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN031522.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Mar 17 04:26:31 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.857	152	274586	20.000	ng/u1	-0.04
20) Naphthalene-d8	10.663	136	1171147	20.000	ng/u1	-0.04
38) Acenaphthene-d10	14.498	164	731423	20.000	ng/u1	-0.03
64) Phenanthrene-d10	17.233	188	1278327	20.000	ng/u1	-0.04
79) Chrysene-d12	21.416	240	804832	20.000	ng/u1	-0.04
88) Perylene-d12	23.786	264	701208	20.000	ng/u1	-0.05
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.216	96	48567	7.374	ng/uL	-0.05
4) Pyridine-d5	3.634	84	312534	17.849	ng/u1	-0.05
7) Phenol-d5	7.010	99	414619	17.614	ng/u1	-0.04
9) Bis-(2-Chloroethyl)eth...	7.181	67	283134	19.363	ng/u1	-0.03
11) 2-Chlorophenol-d4	7.387	132	340368	18.964	ng/u1	-0.04
15) 4-Methylphenol-d8	8.563	113	350367	18.559	ng/u1	-0.04
21) Nitrobenzene-d5	9.016	128	168334	18.804	ng/u1	-0.04
24) 2-Nitrophenol-d4	9.740	143	187794	18.886	ng/u1	-0.04
28) 2,4-Dichlorophenol-d3	10.281	165	347620	19.234	ng/u1	-0.04
31) 4-Chloroaniline-d4	10.793	131	438532	17.603	ng/u1	-0.04
46) Dimethylphthalate-d6	13.904	166	1042003	19.309	ng/u1	-0.03
49) Acenaphthylene-d8	14.192	160	1292362	19.405	ng/u1	-0.03
54) 4-Nitrophenol-d4	14.681	143	139268	14.059	ng/u1	-0.03
60) Fluorene-d10	15.486	176	834109	18.475	ng/u1	-0.03
65) 4,6-Dinitro-2-methylph...	15.598	200	150993	19.246	ng/u1	-0.04
73) Anthracene-d10	17.333	188	1129419	19.064	ng/u1	-0.03
81) Pyrene-d10	19.627	212	1090786	21.739	ng/u1	-0.03
92) Benzo(a)pyrene-d12	23.627	264	640777	17.917	ng/u1	-0.05
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.252	88	48480	7.337	ng/uL	96
5) Pyridine	3.658	79	328506	17.867	ng/u1	98
6) Benzaldehyde	6.987	77	284275	22.542	ng/u1	96
8) Phenol	7.040	94	417460	17.628	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.275	93	363165	19.175	ng/u1	99
12) 2-Chlorophenol	7.416	128	342132	18.626	ng/u1	96
13) 2-Methylphenol	8.299	108	330187	18.585	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.393	45	556118	20.099	ng/u1	99
16) Acetophenone	8.675	105	546283	19.397	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.669	70	301472	20.173	ng/u1	98
18) 4-Methylphenol	8.628	108	354386	18.359	ng/u1	97
19) Hexachloroethane	8.946	117	150455	19.654	ng/u1	97
22) Nitrobenzene	9.057	77	407636	18.462	ng/u1	98
23) Isophorone	9.587	82	843536	20.115	ng/u1	99
25) 2-Nitrophenol	9.775	139	197223	19.098	ng/u1	97
26) 2,4-Dimethylphenol	9.834	107	421783	19.290	ng/u1	97
27) Bis(2-Chloroethoxy)met...	10.069	93	499432	19.342	ng/u1	99
29) 2,4-Dichlorophenol	10.310	162	336163	18.883	ng/u1	99
30) Naphthalene	10.716	128	1144825	19.255	ng/u1	100
32) 4-Chloroaniline	10.816	127	438490	17.648	ng/u1	99
33) Hexachlorobutadiene	11.010	225	238376	20.175	ng/u1	95
34) Caprolactam	11.563	113	104131	17.598	ng/u1	99
35) 4-Chloro-3-methylphenol	11.945	107	377604	18.826	ng/u1	99
36) 2-Methylnaphthalene	12.328	142	774356	18.967	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.545	142	793246	19.199	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.698	216	428328	19.778	ng/ul	97
40) Hexachlorocyclopentadiene	12.681	237	252210	20.226	ng/ul	99
41) 2,4,6-Trichlorophenol	12.934	196	269778	19.726	ng/ul	95
42) 2,4,5-Trichlorophenol	13.004	196	290652	19.210	ng/ul	97
43) 1,1'-Biphenyl	13.334	154	1052233	19.454	ng/ul	100
44) 2-Chloronaphthalene	13.375	162	804629	19.285	ng/ul	98
45) 2-Nitroaniline	13.569	65	224415	17.715	ng/ul	95
47) Dimethylphthalate	13.951	163	1008489	19.128	ng/ul	100
48) 2,6-Dinitrotoluene	14.069	165	202249	19.425	ng/ul	96
50) Acenaphthylene	14.222	152	1276204	19.222	ng/ul	99
51) 3-Nitroaniline	14.392	138	177948	16.588	ng/ul	100
52) Acenaphthene	14.563	153	826216	19.278	ng/ul	98
53) 2,4-Dinitrophenol	14.598	184	116654	17.490	ng/ul	97
55) 4-Nitrophenol	14.692	109	119762	14.365	ng/ul	98
56) Dibenzofuran	14.892	168	1162534	18.780	ng/ul	97
57) 2,4-Dinitrotoluene	14.851	165	268664	17.708	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	15.122	232	228243	18.710	ng/ul	99
59) Diethylphthalate	15.316	149	988490	18.623	ng/ul	98
61) Fluorene	15.545	166	909393	18.828	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.539	204	456782	18.634	ng/ul	97
63) 4-Nitroaniline	15.551	138	143426	13.942	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.616	198	147835	19.184	ng/ul	98
67) N-Nitrosodiphenylamine	15.745	169	771468	21.083	ng/ul	98
68) 4-Bromophenyl-phenylether	16.428	248	270854	21.263	ng/ul	98
69) Hexachlorobenzene	16.551	284	298141	20.536	ng/ul	95
70) Atrazine	16.692	200	273984	20.025	ng/ul	99
71) Pentachlorophenol	16.886	266	159933	18.138	ng/ul	97
72) Phenanthrene	17.280	178	1297108	19.340	ng/ul	100
74) Anthracene	17.369	178	1266593	18.846	ng/ul	97
75) 1,2,3,4-Tetrachloroben...	13.304	216	448974	23.345	ng/ul	99
76) Pentachlorobenzene	14.822	250	402596	22.948	ng/ul	93
77) Carbazole	17.633	167	959304	16.448	ng/ul	96
78) Di-n-butylphthalate	18.204	149	1445451	19.816	ng/ul	100
80) Fluoranthene	19.292	202	1279002	22.010	ng/ul	99
82) Pyrene	19.657	202	1280777	21.748	ng/ul	100
83) Butylbenzylphthalate	20.551	149	498298	21.226	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.333	252	286137	18.106	ng/ul	98
85) Benzo(a)anthracene	21.404	228	916565	17.805	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.333	149	717597	21.286	ng/ul	99
87) Chrysene	21.457	228	939713	18.869	ng/ul	99
89) Di-n-octyl phthalate	22.245	149	1150919	20.305	ng/ul	100
90) Benzo(b)fluoranthene	23.062	252	842734	18.092	ng/ul	98
91) Benzo(k)fluoranthene	23.110	252	800111	18.490	ng/ul	98
93) Benzo(a)pyrene	23.680	252	796294	18.549	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	26.227	276	661842	14.934	ng/ul	97
95) Dibenzo(a,h)anthracene	26.251	278	473701	12.397	ng/ul	99
96) Benzo(g,h,i)perylene	26.980	276	664358	17.685	ng/ul	98

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

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